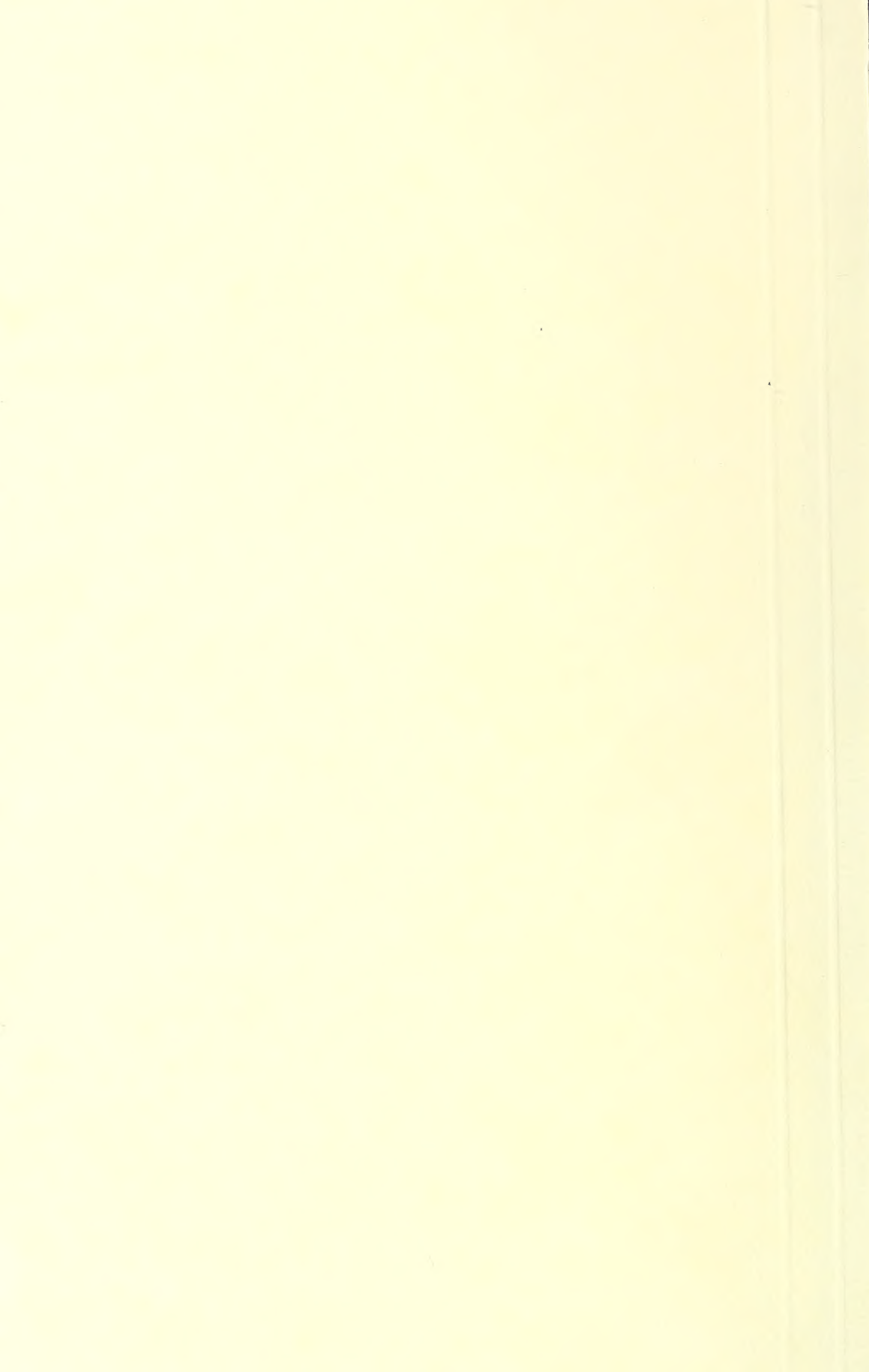


Historic, archived document

Do not assume content reflects current
scientific knowledge, policies, or practices.



Johnson & Stokes



GARDEN
AND
FARM
MANUAL
1903

Good Seeds Promote Long Friendships



There are names on our books that date back for more than 20 years.

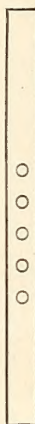
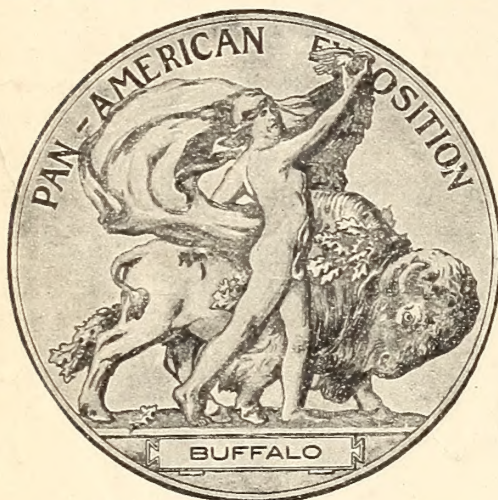
NOTHING gives us more pleasure during our busy spring season than to find in going over our daily orders the names of scores of lifelong customers, who have been with us annually almost since the first year we embarked in business. This loyalty on the part of thousands of old customers makes us sure that our efforts to give them the **Best American Grown Seeds** at the lowest prices at which they can be produced and sold, have been appreciated and encourages us to go on, and if possible to do better than ever in their behalf.

A MODEST CATALOGUE WITH HONEST DESCRIPTIONS AND ILLUSTRATIONS

We were the first seedsmen in this country to trust entirely to photographic reproduction in illustrating our catalogues. This has given our **MANUAL** a deserved reputation for truthfulness and accuracy. It is for this reason that some things that are much lauded in other catalogues are omitted. Some do not appear as large or extravagant as shown in the overdrawn cuts of other lists. Our pictures have won for us the attention of thousands of seed buyers, and we have held their confidence by meeting the promises of our catalogue, both as to illustrations and descriptions of the various vegetables and flowers which are made during the growing season at **FLORACROFT TRIAL GROUNDS** or on our **SEED FARMS** where the crops are grown. It is for this reason that our **MANUAL** is so frequently used by other seedsmen as a reference-book and is frequently found at the agricultural colleges, being used as an auxiliary text-book.

PAN-AMERICAN EXPOSITION, BUFFALO, 1901

To JOHNSON & STOKES, SEEDSMEN



FOR PRODUCTS OF JOHNSON & STOKES' SEEDS GROWN AT FLORACROFT SEED GARDENS AND TRIAL GROUNDS

Floracraft Seed Gardens and Trial Grounds for Testing and Proving the Seeds we Sell

We make a critical study of the wants of the critical gardener, and do everything possible to safeguard his interests, and for this reason conduct every year, at great expense, extensive trials at our **FLORACROFT SEED GARDENS AND TRIAL GROUNDS**, located about nine miles from our city warehouse. The cash expended at **FLORACROFT** buys knowledge, and the benefit goes to our customers.

In our extensive seed-testing houses there, all seeds are tested for germination and purity before being sold. We also develop a considerable amount of high-grade pedigree seed stocks at **FLORACROFT**. We have men there under the direct supervision of one of our firm, who understand the improvement and development of ideal types and high standards. From **FLORACROFT** we send improved seed stocks to our various farms in other States, wherever the conditions of soil and climate are best adapted to their perfect development, for multiplication as to bulk and quantity.

We ask a careful reading of the following pages and solicit the orders of all.

Johnson & Stokes, 217 and 219 Market St., Phila., Pa.

How to Order Johnson & Stokes' Seeds



OUR DOUBLE SEED WAREHOUSES

Located on the principal business street of Philadelphia, Nos. 217 and 219 Market St., extending through the block to Nos. 206 and 208 Church St., are the largest in the East, and afford us every facility for the conduct of a large business, being especially arranged to accommodate the various departments of the Seed business.

Visitors to Philadelphia are always welcome at our business offices as well as at Floracraft.

When possible, use order sheet opposite page 12, which can be easily detached from book at perforated line.

Cash should always accompany the order. We will be responsible for money sent by Post-Office Order, Express Money Order, Bank Draft, Express or by Registered Letter.

Post-Office Orders cost, for any amount up to \$2.50, 3 cents; over \$2.50 and not exceeding \$5, 5 cents; over \$5 to \$10, 8 cents; over \$10 to \$20, 10 cents; over \$20 to \$30, 12 cents; over \$30 to \$40, 15 cents; over \$40 to \$50, 18 cents; over \$50 to \$60, 20 cents.

Express Money Orders are issued by express companies at their agencies, and cost, for amounts not over \$5, 5 cents; \$10, 8 cents; \$20, 10 cents; \$30, 12 cents; \$40, 15 cents.

Bills, Coin or Stamps (we accept postage stamps the same as cash) can be sent safely by registered letter. Every postmaster is required to register any letter on payment of 8 cents extra postage.

Cost of remitting may, on all orders over \$1.00, be deducted from the amount sent.

Free Delivery by Mail

We deliver free to any post-office in the United States all vegetable and flower seeds offered in this catalogue by the packet, ounce, quarter pound and pound.

Customers ordering these seeds by the pound, to be sent by Freight or Express, may deduct postage at the rate of 10 cents per pound, except where noted. When sent in this way the purchaser pays the freight or express charges on receipt of seed.

Purchaser pays express and freight charges also on pecks, bushels and barrels, and on Farm Seeds, Implements, Live Stock, etc.

REDUCED EXPRESS RATES. By special arrangement with all the express lines in the United States and Canada, in the traffic agreement, seeds and plants are now carried at a reduced rate of 20 per cent. less than merchandise rates, when guaranteed by us.

GUARANTEE WE GUARANTEE ALL SHIPMENTS of Seeds,

Bulbs, Plants, Implements, Live Stock, etc., to reach the purchaser safely and in good condition.

Large-Sized Packets

Customers frequently write us that our packets contain twice as much seed as those obtained from other houses; yet, notwithstanding our **very liberal premiums** on seeds in packets and ounces, as announced below, we shall still continue to put up, with our standard-gauges, the same **liberal-sized packets**.

Most Liberal Premiums

25 CENTS' WORTH OF SEEDS EXTRA IS ALLOWED ON EACH ONE DOLLAR SENT US FOR SEEDS IN PACKETS AND OUNCES.

Thus, any one sending us \$1.00 can select seeds in packets and ounces to the value of \$1.25; for \$2.00, to the value of \$2.50; for \$3.00, to the value of \$3.75; for \$4.00, seeds in packets and ounces to the value of \$5.00, and so on; or in other words we give you a **discount of twenty per cent.** on our prices by the **PACKET** and **OUNCE**. To illustrate—should an order amounting to \$3.00 contain \$2.00 worth of seeds in **packets and ounces**, you are entitled to **deduct twenty per cent.** or one-fifth on these, which would be 40 cents, and you would therefore send us \$2.60 net; while should the entire order be composed of **packets and ounces**, you would deduct 60 cents, remitting only \$2.40 net.

For a Complete Index of this Catalogue See Page 92

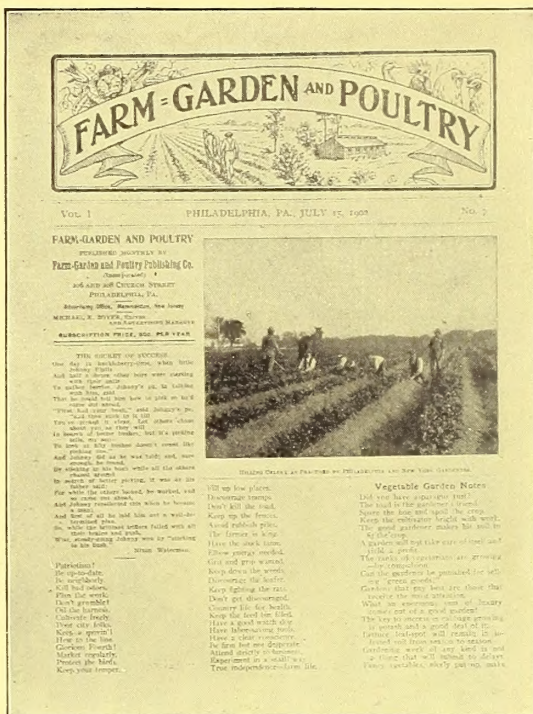
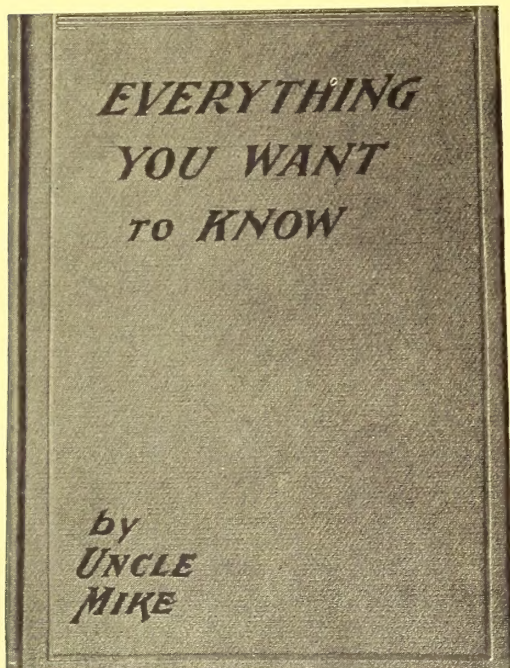
COPYRIGHT—Johnson & Stokes' GARDEN AND FARM MANUAL for 1903 is copyrighted by Johnson & Stokes, Philadelphia, and all rights reserved.

Your Choice of Two Liberal Premiums

If Your Order Amounts to \$1.00 or Over
and You Make the Request

Farm-Garden and Poultry

A New Illustrated Monthly Journal, now in the second year of its popularity, under the editorial management of Mr. Michael K. Boyer, so widely recognized as an eminent authority in the agricultural and poultry world. We believe this paper will prove its worth in every home it enters, and with Mr. Boyer as its editor, who has the faculty of saying in a few lines what other writers would in a column, it will prove a boon to every busy Farmer, Gardener, Trucker, Fruit Grower, Poultryman and Dairyman who has not the time or inclination to read long articles. Feeling sure that our patrons will appreciate the favor, we have agreed with the publishers to pay for a year's subscription in 1903 (the price of which is 50 cents) for every customer who shall send us an order for Seeds, Implements, Poultry Supplies, or anything else offered in this catalogue to the amount of \$1.00 and over. To receive the paper, all you have to do is to fill out the coupon sent with this catalogue and enclose it with your order. If you are already a subscriber to *Farm-Garden and Poultry* you are entitled to select the new book below.



Everything You Want to Know

A Very Valuable New Book of 128 Pages, Illustrated and Bound in Cloth

In compiling this book, "Uncle Mike" has taken up all the different varieties of vegetables, classified them alphabetically, and in a brief boiled-down style tells how to plant them, when to plant, different virtues of the crop, and other facts not generally known. It is a complete guide book for gardeners. Diseases and insects are also carefully handled.

A number of topics are also dealt with of untold value to farmers. There are items in this book that are worth their weight in gold. It is a ready-reference book and tells the whole truth.

The poultry section is complete. There is not a waste line. Every point is covered. How to grow eggs, how to grow meat, how to care for the stock, how to market, how to treat ailments, how to feed, artificial incubation, brooding and every point of interest is so fully covered—so tersely told—that the reader is at once made acquainted with what he is looking for. Price, 50 cents, postpaid, or will be sent free with orders of \$1.00 and over in place of *Farm-Garden and Poultry*, when requested with the order.

Johnson & Stokes' New Leaflet-Essays on Important Vegetables, Etc.

SENT FREE to purchasers when asked for with their seed orders

- No. 1. **ASPARAGUS.** Making the Bed, Setting Roots, Cultivating, Fertilizing and Marketing.
- No. 2. **CABBAGE.** Planting Out, Cultivation, Diseases and Insects, Storing and Marketing.
- No. 3. **CELERY.** Soil, Fertilizers, Planting, Cultivating, Blanching, Storing for Winter.
- No. 4. **MELONS.** Musk or Cantaloupe and Watermelons, Cultivation, Manuring and Insect Enemies.
- No. 5. **MUSHROOMS.** How to Prepare Bed, Planting Spawn, Temperature and Marketing.
- No. 6. **ONIONS.** Soil, Fertilizers, Planting Seeds and Sets, Cultivating, Harvesting, Storage, Marketing.
- No. 7. **SWEET POTATOES.** Growing Sprouts on Plants, Setting Out, Cultivating, Harvesting, Storing.
- No. 8. **SASHES AND BEDDING PLANTS.** Treating principally on Hot Beds and Cold Frames.
- No. 9. **THE FAMILY VEGETABLE GARDEN.** Telling How and What to Grow.
- No. 10. **HINTS ON LAWN MAKING AND GRASS SEED MIXTURES** for Pasture and Mowing.

In asking for these essays it is only necessary to give the number of the ones wanted. They cannot be sent unless the seed of the kind on which they treat is included in the order, except the last three, which will be sent with any order.

NOVELTIES FOR 1904—Trial Packets Now Free

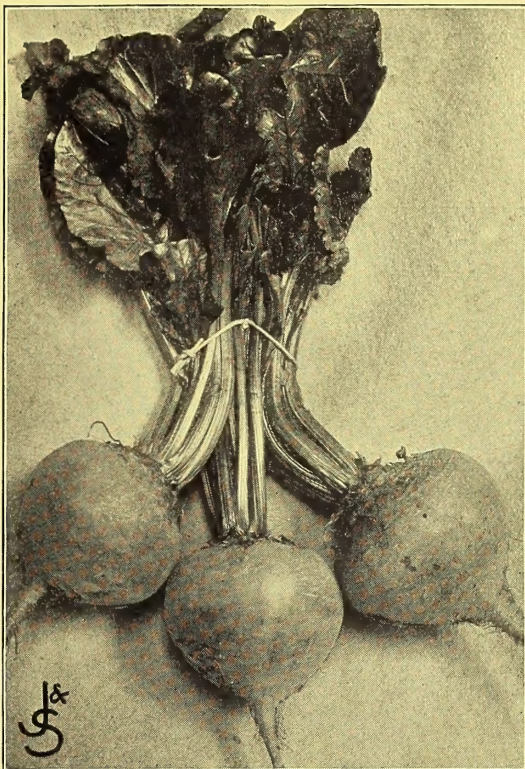
WE WANT NAMES

WORTHY OF EACH OF THESE SPLENDID NEW VARIETIES, and will pay \$200 for them

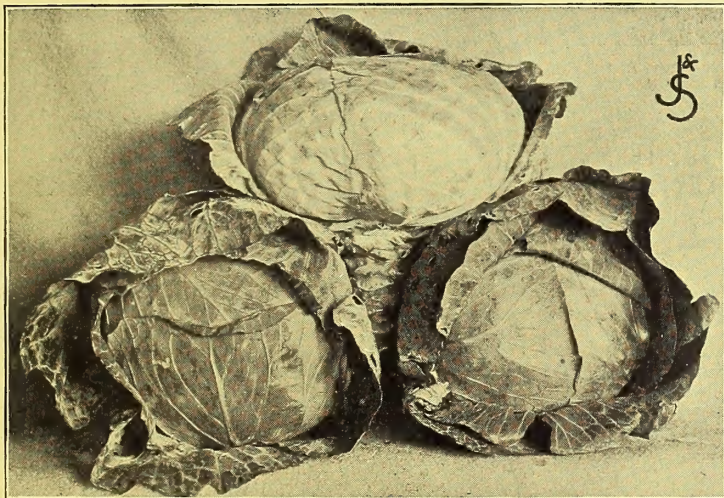
We will pay, September 1, 1903, \$50.00 each for the NAMES selected as the BEST for each of the two Novelties. Total, \$100.00. \$5.00 each for what may be considered the NEXT BEST ten names for each. Total, \$100.00. Making a grand total of \$200.00.

A Grand New Unnamed Beet

For more than fifty years Mr. Wm. Lannier, one of the oldest and best-known market gardeners near Philadelphia, supplied the early and late markets with the handsomest and most salable beets that could be had, and Lannier's Beets, as they were called, became much sought after by the best commission merchants of New York, Boston, and Philadelphia. During all these years Mr. Lannier selected with a critical eye the most perfect beets from each crop for seed stock to plant for his own use, never allowing himself to purchase seed for planting from any one. This new unnamed beet is the result of all these years of such careful and intelligent selection, and in it we believe the acme of perfection has been reached in beet culture. The seed is not for sale this season, but we will put a liberal trial packet in all orders of \$2.00 and over from this catalogue, which entitles the purchaser to the privilege of competing for **\$100 Cash Premiums**, as offered above, viz.: \$50.00 for the best name suggested, and \$5.00 each for the next best ten names, the eleven premiums aggregating \$100 cash.



NEW UNNAMED BEET—\$100 FOR FITTING TITLES.



NEW NAMELESS CABBAGE—\$100 CASH FOR THE BEST NAMES SUGGESTED.

A Wonderful New Nameless Cabbage

A remarkable new and solid flat-headed cabbage, originated by one of the largest cabbage growers of Long Island. In our trials we have found it a perfect wonder in earliness, even coming in ahead of our **Johnson & Stokes' Earliest**, which is everywhere acknowledged to be the earliest cabbage in cultivation. There is no seed for sale this season and will not be until 1904. We will, however, include a liberal trial packet of both this and the new beet above, in all orders of \$3.00 and over received this season, which entitles the purchaser to suggest names for both in competition for the \$200 Cash Premiums offered above.

CONDITIONS:—A competition blank is printed on each packet of seed, on which, after being emptied, the sender's name and address and the name suggested can be written and returned to us. The names can be sent in any time before September 1, 1903, at which time they will be carefully considered by an impartial disinterested committee of three well-known agriculturists, whose decision shall be final, and the prize money forwarded to the successful competitors, whose names and addresses will be published in our GARDEN AND FARM MANUAL for 1904.

Novelties and Specialties in Vegetables

The Camera is Our Illustrator—What Leading Agricultural Papers Say

"JOHNSON & STOKES' GARDEN AND FARM MANUAL.—This beautiful catalogue is completely illustrated by cuts direct from nature. This absence of exaggeration is most refreshing in comparison with some of the wondrous distortions that come to us from other sources."—*Rural New Yorker*, New York.

"JOHNSON & STOKES' GARDEN AND FARM MANUAL is especially interesting for its fine illustrations, which are wholly reproductions from photographs. Such pictures alone must inspire confidence in the integrity of the firm."—*Farm and Fireside*.

"We congratulate you on the splendid appearance of your Catalogue. The truthful photo-reproductions make known just exactly what you are getting."—*Farm Journal*.

"JOHNSON & STOKES' GARDEN AND FARM MANUAL not only presents one of the finest collections of garden and flower seeds, bulbs, plants, and nursery stock, but is illustrated in the most reliable manner possible—by half-tone pictures from photographs. This enables the reader to see exactly what is to be expected from the seeds planted."—*Michigan Farmer*.

"Replete in description of varieties, profuse in truthful photographic illustrations."—*Farm and Home*.

"JOHNSON & STOKES' GARDEN AND FARM MANUAL contains only photo-engravings of the plants and seeds offered. There can be no deception or exaggeration about these, as they are made directly from photographs."—*Northwestern Farmer*.



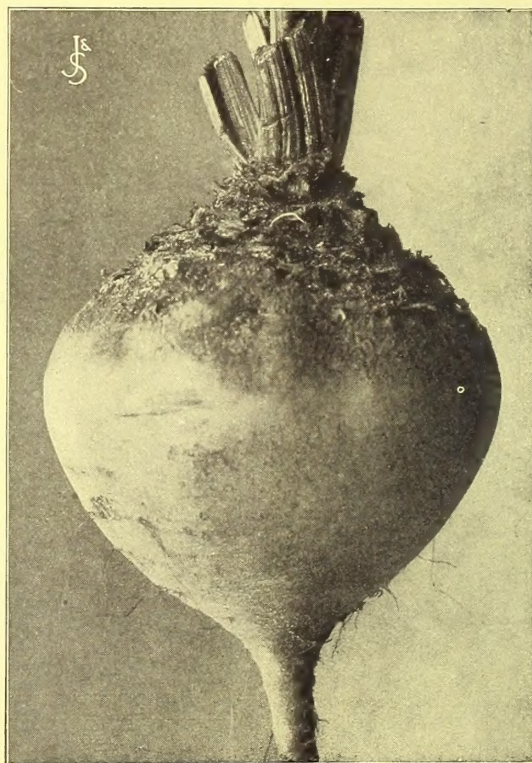
NEW EARLY FRENCH GIANT ASPARAGUS—SHOWING ITS WONDERFUL PRODUCTIVENESS.

New Asparagus Early French Giant

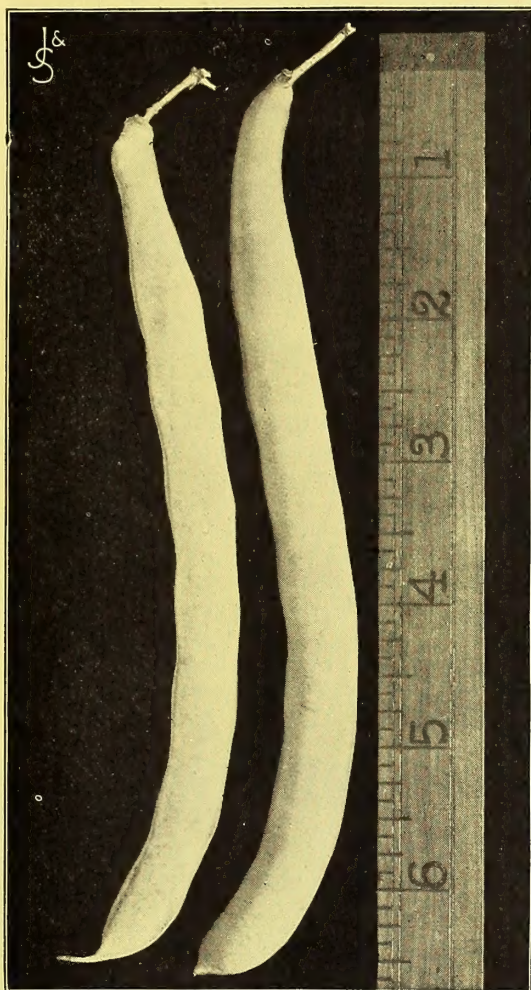
This new sort is a great improvement on the popular Palmetto or French Argenteuil asparagus, which was first brought to this country by Mr. John Nix, the largest asparagus grower of South Carolina. The roots were imported from Mr. Louis Lérault de Argenteuil, of France, and have proven this new asparagus to be not only 10 days earlier than Palmetto, but of larger size and superior in flavor and color. In New York market, last spring, it sold for \$6.00 per dozen, while other varieties only brought \$1.50 to \$2.00 per dozen. It is by far the most promising asparagus, as a money maker, that can be grown. Our seed and roots are from the original importation that has attracted so much attention and sold so high in New York. Prices of seed: Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25. Good strong roots, 50 for 75c.; 100 for \$1.25, by mail, postage paid; by express or freight, \$1.00 per 100; \$7.00 per 1,000 (500 roots at 1,000 rate).

Ruby Dulcet Beet

We were the first seedsmen to introduce in America this valuable new beet, which is receiving the highest praise from all gardeners who have grown it. Although introduced in England but a few years ago, **Ruby Dulcet** has already become the most popular first early beet on the Covent Garden Market of London. Its handsome round shape is well shown in our photograph below. They grow to good size, very free from fibrous rootlets, with a slender tap-root, and absolutely free from stringiness. Foliage small and of a rich bronze purple. The skin and flesh are a deep, rich purplish crimson, fine grained, sweet and tender in all stages of growth. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.



PHOTOGRAPH OF THE NEW RUBY DULCET BEET.



AVERAGE PODS OF NEW ROUND POD KIDNEY WAX BEAN.

NEW ROUND POD KIDNEY WAX

The Best Wax Bean Yet Introduced

This new bean, originated by N. B. Keeney & Sons, the well-known bean experts of New York State, is the first round-podded Wax Bean we have ever found possessing the excellent market and other shipping qualities of the popular Wardwell's Kidney Wax. The plant grows tall, strong and sturdy, with long, round, handsome, stringless pods of large size, very solid and full of meat, crisp, brittle and free from rust; wonderfully early and productive. The earliest and best Wax Bean for either the market or home garden. Try it. Pkt., 10c.; pint, 25c.; qt., 45c., by mail, postage paid. By freight or express, qt., 30c.; peck, \$1.75; bush., \$6.50.

A Few Samples of Hundreds of Letters Received

CHAS. M. COUFFER, Highspire, Pa., writes: "Your new Round Pod Kidney Wax Beans are the best I ever grew, saw or heard of. Entirely rust-proof. They lead in this market."

J. F. WILLIAMS, Palmer, Mass., writes: "Your new Round Pod Kidney Wax are the finest from the time they are large enough to pick until full grown. I get a much higher price for them than for any other bean in this market."

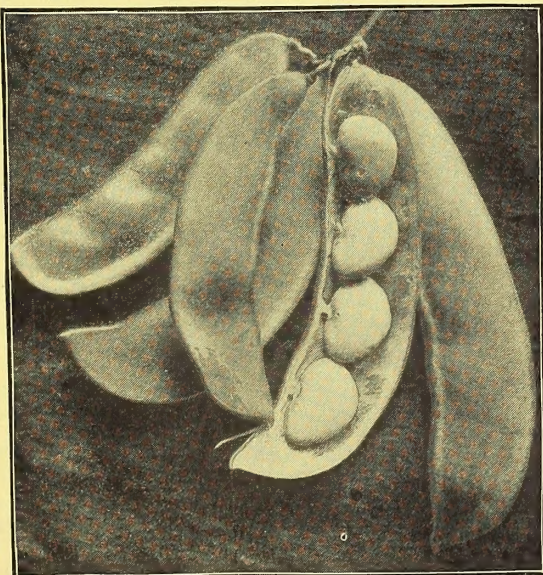
F. E. OLVEY, Caslos, Ind., writes: "The new Round Pod Kidney Wax Beans are the earliest, largest, finest in quality and most productive and best sellers of all."



PLANT OF NEW ROUND POD KIDNEY WAX BEAN, SHOWING ITS HANDSOME BUSH FORM AND WONDERFUL PRODUCTIVENESS.

A New Dwarf Lima Bean—WOOD'S PROLIFIC BUSH LIMA

The originator claims this to be the most valuable improvement that has been made in Bush Lima Beans. In growing it we find it a decided improvement on the Henderson's Bush Lima in both size of beans and productiveness. It is fully ten days earlier than the Burpee's Bush Lima, but somewhat smaller in size of bean. It makes a larger growth than others, such a growth at first that it frequently appears as though it would put out runners. It will be found, however, of the true bush form, its stems being loaded down with beans in great clusters. No garden is complete without some Bush Lima Beans and this grand new one should not be overlooked. Pkt., 10c.; pint, 25c.; qt., 45c., by mail, postage paid. By freight or express, qt., 30c.; peck, \$1.75; bush., \$6.75.



PODS OF WOOD'S PROLIFIC BUSH LIMA BEAN.



MYERS' QUICK GROWING WHITE PLUME CELERY, as marketed in Philadelphia, September 15, 1902.

Myers' Quick Growing White Plume Celery

A new strain of White Plume Celery, selected and improved by Myers & Bowman, the well-known Philadelphia market gardeners. It is unquestionably the earliest celery known, being ready for market 10 days to 2 weeks earlier than any other strain. It differs also from the old White Plume in size and habit, somewhat resembling the Paris Golden Self-Blanching, but more stocky and robust, throwing out from 8 to 12 hearts. Leaves are very light in color and entirely free from green celery. It has proven to be by far the handsomest, best and most salable early celery that has been offered on Philadelphia markets the past two seasons.

Choice home-grown seed, per pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.

What Gardeners Say of Our Celery:

C. NELSON, Comstock, Mich., Oct. 14, 1902, writes: "Your New Celery 'Cremona' is perfect—every stalk uniform and alike. Most beautiful and salable when prepared for market."

J. T. GREENHOE, Market Gardens, Pioneer, O., Oct. 1, 1902, writes: "I have bought celery seed for eight years from different firms, but never had celery seed do so well and give such fine and profitable crops as yours."

A. F. POTS, Arlington, Baltimore, Md., Oct. 16, 1902, writes: "Your New Cremona Celery is extra fine. It is of a good length, very stout and the finest ever grown here."

W. E. KENYON, New London, Conn., Oct. 10, 1902, writes: "Your New Celery surpassed in quality, size and healthy appearance all other kinds we have ever grown."

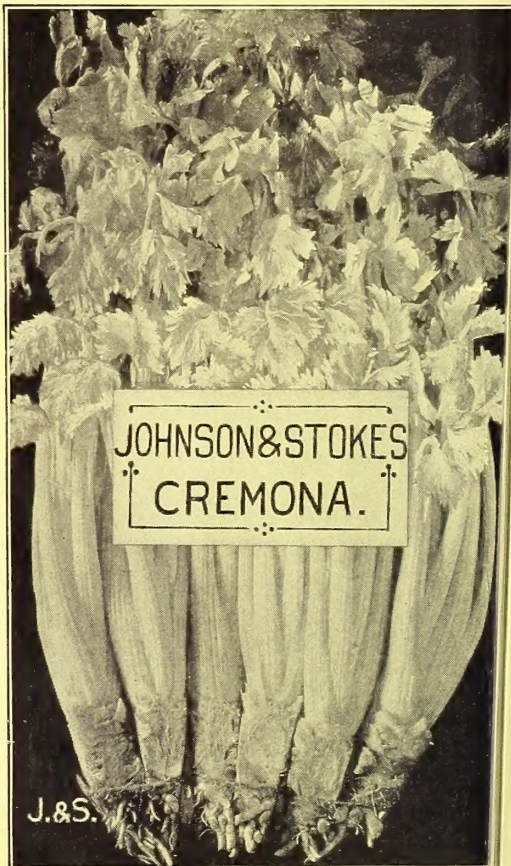
H. D. MAXON, Sanborn, N. Y., Oct. 11, 1902, writes: "The Cremona Celery produces the finest stalk and is of the very best quality."

Johnson & Stokes' New Cremona Celery

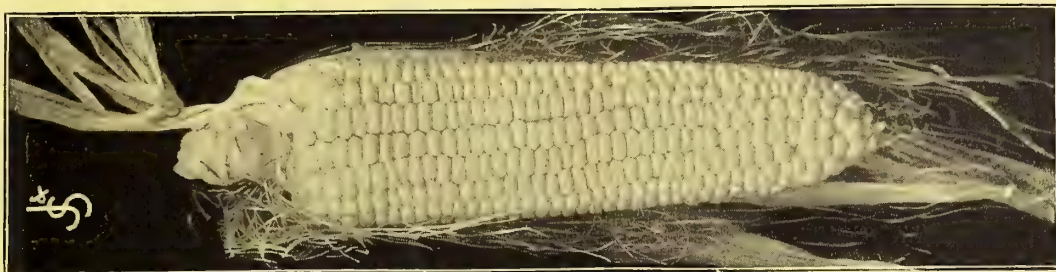
When we first offered the seed of our now celebrated Winter Queen Celery seven years ago, we did not expect so soon to be able to offer another new variety which we believe to be superior to it. The **New Cremona** is a sport from **Winter Queen**, which we have established by five years of careful selection, partaking of all its best qualities, much handsomer in color and form, bleaching more quickly, requiring only five or six days, and with but slight earthing up. Stalks are broad, thick, crisp and of fine nutty flavor. It is worthy of first place as a late celery, being unsurpassed as a long keeper. If you grow New Cremona once you will grow it always, as it is by far the best late celery in cultivation for either the market or the home garden.

Prices, per pkt., 20c.; per oz., \$1.25; 4 ozs. for \$4.00.

Supply of seed is so limited again this season that we cannot sell more than 4 ounces to one customer.



J.&S.



AN EAR OF NEW BUCK MOUNTAIN IN PROPER CONDITION FOR BOILING.

NEW BUCK MOUNTAIN

The Earliest Table Corn in Cultivation

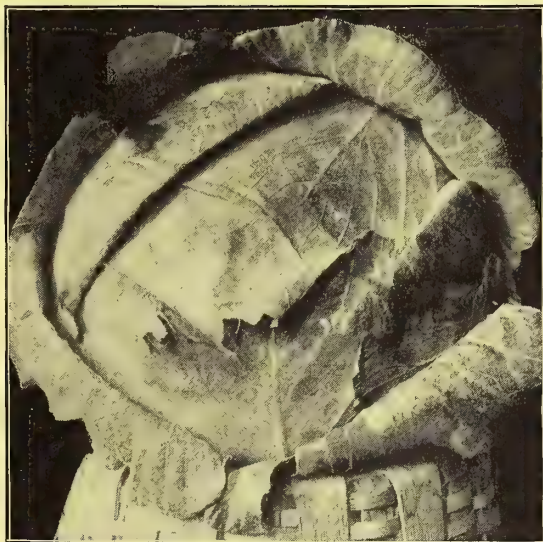
This valuable new table corn was originated at Stamford, Conn., where it has been monopolized by a few large sweet corn growers, who have made large profits in growing it for New York, Boston, and other principal Eastern markets. In general appearance it resembles the celebrated Burlington Hybrid, first introduced by us several years ago, the grain being smooth and of a creamy white color; the ears, however, are not quite so large, but it is ready for the table a week earlier, making it decidedly the earliest table corn in cultivation. It is also extremely hardy, and can be planted with safety two or three weeks before any of the early sugar corns, and if pulled when young is very tender, sweet and juicy. The stalks grow five feet in height, and when on good ground give two to four good ears. Pkt., 10c.; pint, 25c.; qt., 45c., by mail, postage paid; by express or freight, qt., 35c.; peck, \$1.25; bush., \$4.50.

NEW EGG PLANT **Early Black Beauty**

This is a new variety of great merit, originated by Mr. W. E. Ashcroft, one of the largest egg plant growers of South Jersey. It is fully two weeks earlier than New York Improved Purple, and fully as large in size. It is remarkably handsome and prolific, and took the lead as a seller in our markets last summer. Pkt., 15c.; oz., 75c.; 2 ozs., \$1.25; $\frac{1}{4}$ lb., \$2.00.



NEW EARLY BLACK BEAUTY EGG PLANT.



The Houser Cabbage

This new cabbage originated near Harrisburg with the successful market gardener whose name it bears. It is very late and one of the hardest heading cabbages we ever saw, its solidity not even being excelled by the famous Danish Ball Head. Mr. J. M. Lupton, the noted cabbage seed grower of Long Island, writes of it as follows: "The **Houser Cabbage** is entirely distinct from anything I have ever grown or anything now on the market. It is fully two weeks later than other sorts, a very hard header, and is all right. It is a first-class keeper, retaining its color to a marked degree, and will carry through the winter for early spring market without rotting, as many other varieties do." Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.75.



NEW AMERICAN LETTUCE—THE COPPERHEAD.

A NEW AMERICAN LETTUCE

NOW CALLED

The Copperhead

Our attention was first called to this valuable new lettuce by Messrs. C. C. Morse & Co., the largest lettuce growers of California, at whose suggestion we have named it **The Copperhead**. We secured seed from them last year and distributed several thousand packages for trial among our customers, and there has been but one verdict from all: "One of the handsomest, finest, crispest and best flavored lettuces ever grown." Our photo alongside shows its handsome form, but not its very distinct coloring, which is a light brown outside and a beautiful light pink inside, giving a rare and beautiful contrast to the leaves. Pkt., 15c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.75.

The Mongolian Lettuce

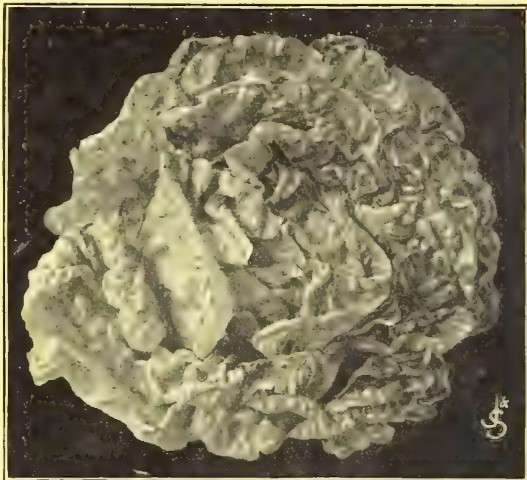
A NEW VARIETY FROM ASIA

Some of the very best and most popular lettuces grown in America to-day were originally brought from Asia, and after numerous trials of many foreign varieties at **Floracraft Trial Grounds**, this has proven decidedly the best as a variety for spring and fall planting outdoors. In delicate flavor and crispness it is all that could be desired, and it will amply repay everyone who plants it for the home table. Per pkt., 15c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

WHAT OTHERS SAY OF IT

ROBT. LITTLE, Chipola, La., writes: "I had great success with your New Lettuce from Asia (the Mongolian); it makes the finest, crispest heads and of the most delicate flavor of any I have ever raised."

WM. MILLER, Brookland, D. C., writes: "New Lettuce from Asia (the Mongolian), is a superb outdoor kind; heads early, very large, and of the very finest quality."



PHOTOGRAPH OF AN AVERAGE HEAD OF MONGOLIAN LETTUCE.

The Most Profitable Investment



PARTIAL VIEW OF SEED TESTING HOUSES AT FLORACRAFT, WHERE ALL SEEDS ARE PROVEN AND TESTED FOR GERMINATION BEFORE BEING SOLD.

that can be made is the trifling excess in cost of **TESTED** and **PROVEN SEEDS** over those of a cheaper and inferior grade whose qualities are never known until the harvest, if it ever comes



Photograph of average full-grown specimens of the NEW MODEL EXPORT HARDY ONIONS.

Model Export Hardy Onion

A NEW AND VERY DISTINCT VARIETY, SEED OF WHICH IS NOW OFFERED FOR SALE FOR THE FIRST TIME. ♣ ♣ ♣ ♣ ♣ ♣

This new onion originated in Northern New York five years ago, but the seed has been so carefully guarded by a few market growers that it has never before been offered for sale by any regular seedsmen. Our photograph above shows two specimens which we grew from seed last season, one measuring $5\frac{1}{4}$ inches and the smallest we could find $4\frac{1}{4}$ inches in diameter. In fine color they are different from all other onions, and might be described as a pinkish dark yellow or distinct mandarin orange color. They have become noted for their long-keeping qualities, commanding high prices and much sought after by onion dealers in New York and Boston for shipment to foreign countries. Their rapidity of growth makes them invaluable to the market gardener, as they are ready for bunching for market two weeks before any other onion, growing good sized onions from the black seed almost as early as other onions grown from sets, and can therefore be produced much cheaper. Choice seed, per pkt., 15c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

WHAT ONION GROWERS SAY OF IT:

Last spring we sent out a number of trial packets among onion growers, and regret our limited space here forbids the publication of only a few of the endorsements received.

R. G. WHITE, W. Orange, S. Dak., Oct. 24, 1902, writes: "It is beyond my power to properly describe the merits of the New Hardy Export Onion. It is very large for one so early, distinct and beautiful in color, extremely hardy, and the onions look to me as though they would keep for a year."

F. W. MILLER, Allentown, Pa., Oct. 20, 1902, writes: "Your New Hardy Export Onion is simply grand. The earliest, handsomest in their very beautiful and distinct color, and finest ever seen here."

G. E. CURTIS, Etna, Me., Sept. 14, 1902, writes: "Your new Hardy Export Onion is a great producer; very early, fully two weeks ahead of Danvers. Onions are large, handsome and distinct in color. Certainly a most valuable acquisition."

H. B. PHELPS, Carey, O., Oct. 6, 1902, writes: "The New Hardy Export Onion matures very early, making large, fine hard onions. The necks close up fine and they look as if they would keep in perfect condition almost indefinitely."



MODEL EXPORT HARDY ONION, as bunched for early home market.



**PHILA
LONG KEEPING
YELLOW
EGG ONION**



Philadelphia Long-Keeping Yellow Egg Onion

For several years we tried to get seed of this valuable onion, but so closely was the stock guarded by the few gardeners who controlled it, that it was only two years ago we were able to secure enough planting stock for our present supply of seed. It is the best selling winter onion in the retail markets of Philadelphia, and as indicated by the name is the best of keepers. It grows to good size, with handsome thin yellow skin. Its fine-grained white flesh is of the most superior quality. It is a large cropper when grown from seed, and as an onion to keep over for winter and spring markets or home use there is nothing equal to it. Seed, per pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

New Extra Early Australian Yellow Globe Onion

This is a fine deep globe strain of the celebrated Australian Brown Onion. It grows to good size, very hard and solid. The skin is a little lighter in color than Australian Brown, but its keeping qualities are fully equal and it is fully as productive. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

New Extra Early Jersey White Bush Squash

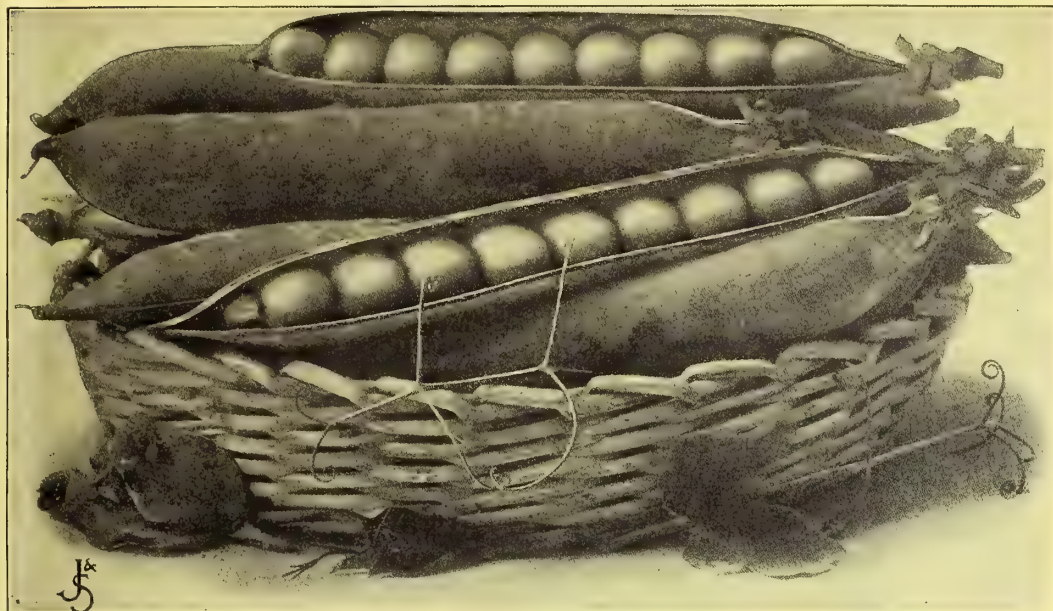
A decided novelty and acquisition, being an improved extra early strain of the old White Bush or Patty Pan Squash. Selected and improved by an intelligent New Jersey grower. It is by far the earliest squash in cultivation, very productive and of good marketable size. They show less ridge or scallop, being better filled out, and contain a larger amount of flesh which is less watery and much superior in quality to the parent variety. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Novelties for 1904, Free

In addition to the two nameless Novelties, for which we offer cash prizes for best names on page 3, we have also a very distinct new mammoth main crop tomato, and a rare and wonderful new worm-proof cabbage. We will add a liberal trial packet of one of these to all orders of \$1.00 and over, where an interest is indicated in new varieties.



NEW EXTRA EARLY JERSEY WHITE BUSH SQUASH



PHOTOGRAPH OF AVERAGE PODS, NATURAL SIZE, OF THE NEW EXTRA EARLY PEA, "THOMAS LAXTON."

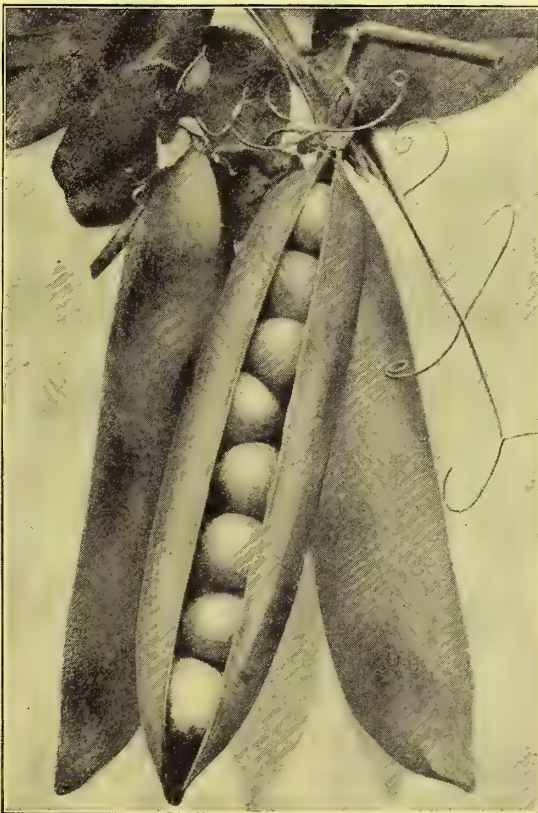
NEW EXTRA EARLY LARGE PODDED PEA THOMAS LAXTON

In the Spring of 1900 we received from Mr. Laxton, the noted English hybridizer, a package of this grand new Pea, with the request that we test it at **Floracroft Trial Grounds**. We found it even superior, in earliness, hardiness and large size of pod, to the **Gradus** or **Prosperity** Pea, which is one of its parents, and we believe Mr. Laxton is right in claiming it to be the finest early wrinkled Pea yet introduced.

In the Spring of 1901 we imported from Mr. Laxton, at high cost, a few bushels—all he could spare us—which we put up in small packets and distributed free for trial among our customers, and have received nothing but the most favorable reports from all who have planted it. Notwithstanding its great earliness, the pods are fully as large as **Telephone**, and well filled with nine to ten large, luscious peas. It attains a growth of about two feet, requiring no sticks or brush, and is well adapted to market garden purposes, as well as being the finest wrinkled pea for the home garden. Supply of seed limited. Prices per large pkt., 15c.; pint, 50c.; qt., \$1.00, by mail, postage paid; by express or freight, qt., 85c.; 2 qts., \$1.50; peck, \$5.00.

**New Large Podded
Alaska Pea**

A new and valuable strain of the popular Extra Early Alaska Pea, now first offered for sale, after many years of careful and intelligent selection, by one of the largest seed pea growers of Ontario, Canada. The Blue Seed is the same as Alaska and the vines grow to the same height, but more vigorously and produce fully as early large deep green pods of almost double the size. No gardener who values earliness and hardiness should fail to give it a trial. Pkt., 10c.; pint, 35c.; qt., 65c., postage paid; by express or freight, qt., 50c.; 2 qts., 80c.; peck, \$3.00.



PODS, NATURAL SIZE, OF THE NEW LARGE PODDED ALASKA PEA.



Photograph of a single plant of SPARKS' EARLIANA TOMATO, showing its wonderful productiveness.

The Greatest Novelty in
Tomatoes Ever Offered

SPARKS' EARLIANA

THE EARLIEST LARGE
TOMATO IN THE WORLD

Very early tomatoes have of late years been such a profitable crop that almost every grower in Southern New Jersey boasts, with more or less justice, that he has the earliest tomato. We have for years watched with a good deal of interest the first shipments to reach Philadelphia markets, and were

not a little surprised to find, three years ago, a new variety from Mr. Geo. C. Sparks in market fully two weeks ahead of all others. We immediately arranged with Mr. Sparks to save us some selected seed, paying him what was probably the highest price ever paid to a grower for the control of a new tomato, and which we distributed in a small way among our customers. Nothing we have ever introduced has brought us so many strong testimonials, a few samples of which we publish on the opposite page. This tomato is not only remarkable for its earliness, but for its very large, uniform size, handsome shape, beautiful red color and wonderful productiveness, standing unequalled and alone in this respect. Its solidity, fine size and quality are unsurpassed.



A single cluster of SPARKS' EARLIANA taken from our field.

Seed crop very short. To be sure of genuine seed, grown direct from stock seed selected by Mr. Sparks, the originator, order direct from the introducers. Pkt., 20c.; oz., \$1.00; 4 ozs. for \$3.50.



Sparks' Earliana Has Proven the Most Profitable Tomato Ever Grown

Realized \$200 on Less than One-half Acre

R. E. LEE BRADFORD, Fort Worth, Texas, August 2, 1902, writes: "I sold \$200 worth of tomatoes from less than one-half acre of your Sparks' Earliana. It beats any tomato ever grown for this market in earliness and productiveness. I will plant three acres of them next season."

Over \$300 from 1500 Plants

C. M. EMERORY, Knoxville, Tenn., Oct. 17, 1902, writes: "The $\frac{1}{2}$ ounce Sparks' Earliana Tomato Seed purchased from you gave me 1500 plants from which I made over \$300. I have been growing tomatoes for 18 years and have never seen its equal. Fine large tomatoes more than three weeks ahead of all others on the market."

\$750 on Less than Two Acres

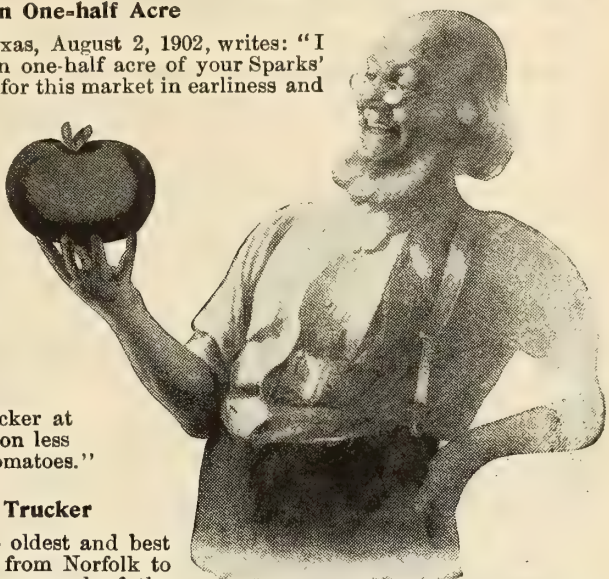
MR. JOSEPH STILES, a well-known trucker at Pennsgrove, N. J., says: "I realized \$750 on less than two acres of your Sparks' Earliana Tomatoes."

\$6,000 is Cleared by a Norfolk Trucker

MR. NIMROD C. CROMWELL, one of the oldest and best known truckers at Norfolk, Va., came up from Norfolk to our store in Philadelphia to purchase some seed of the Sparks' Earliana Tomato, and while there stated to us that "his two sons, who are now running his farm for him, had cleared over \$6,000 on Sparks' Earliana Tomatoes the past season."

\$725 Clear on 4,000 Hills

MR. GEO. C. SPARKS, the originator, says that "in the year 1899, when I first marketed the Earliana Tomatoes, I realized from my first pickings \$725, clear of freight and commission, on about 4,000 hills."



What a Few of the Largest Market Growers Say of Sparks' Earliana

BEAT ALL RECORDS BY SIX WEEKS

JOSEPH A. WEIS, North Adams, Mass., July 8, 1902, writes: "Your Sparks' Earliana beat all records here by six weeks. Many gardeners have not yet brought a ripe tomato to market. People scarcely believe I raised mine so early; they think I had them shipped to me."

BEST IN THIRTY YEARS' EXPERIENCE

WM. H. KIRBY, Chestertown, Md., June 21, 1902, writes: "Your Sparks' Earliana is the finest tomato I ever saw. It is the earliest and most productive. In the past thirty years I have tried many varieties of tomatoes, but this one beats them all; yesterday one of my men counted 176 tomatoes on one plant."

NO OTHER WILL BE GROWN

WARREN WEBSTER, Port Monmouth, N. J., September 9, 1902, writes: "I was the first to introduce in this neighborhood, in 1901, your Sparks' Earliana Tomato; next Summer there will be no early tomato but Earliana here, for its merits are now known to all. They are large, good shippers, good sellers, enormous croppers, and earlier than any tomato we have ever seen."

ALL THAT COULD BE WISHED FOR

GEO. H. GILL, Little Neck, L. I., November 1, 1902, writes: "I had 7,500 hills of your Sparks' Earliana and they were by far the earliest and best I ever raised. In size, earliness, and productiveness they are all anyone could wish."

MOST VALUABLE NOVELTY IN A CENTURY

JOHN W. MILLETT, Bismarck, N. Dakota, writes: "I congratulate you on having introduced the most valuable tomato novelty of the past century, which Sparks' Earliana surely is. It is earlier than all other varieties ever brought forward; it produces three times the amount of fruit of any variety I ever grew. This superb tomato not only equals but far surpasses all you claim for it."

Sparks' Earliana is as near seedless as any tomato we ever saw, containing less than one-fourth the seed of other varieties, and for this reason the genuine seed can never be sold at a low price. We control the entire supply of seed grown direct from the originator's selected stock seed. Owing to the very short crop, we are unable to offer the seed in larger quantities than $\frac{1}{4}$ lb. in 1903. Prices, genuine seed: Per pkt., 20c.; oz., \$1.00; $\frac{1}{4}$ lb. for \$3.50.

EARLIEST AND BEST OF 100 VARIETIES

ALFRED PALMER, Salem, N. C., July 5, 1902, writes: "After forty years' experience in tomato raising I must say that of over 100 varieties I have tried, I found your Sparks' Earliana to be the very earliest and best in every way. Its quality and merits are perfection."

WITHSTOOD WET WHEN OTHERS ROTTED

C. W. MACMILLAN, Savannah, Ga., January 28, 1902, writes: "I found your Sparks' Earliana everything you claim for them; not only were they heavy bearers and at least ten days earlier than any other varieties planted at same time, but they withstood an exceedingly wet season without damage, whilst other kinds rotted badly."

HEAVY CROP WHEN OTHERS FAILED

GEO. WOLFRUM, JR., Kresson, N. J., October 2, 1902, writes: "I have grown your Sparks' Earliana Tomato since its introduction, and find it the very earliest and best. Last year I had a heavy crop of them while my neighbors had hardly any from other varieties."

RIPE TOMATOES IN JUNE IN MARYLAND

MARY MAGRUDER, Olney, Md., August 9, 1902, writes: "People around here are delighted to have tomatoes in June of so fine a quality as Sparks' Earliana; the earliest this year were gathered June 21."

EARLIEST AND HEAVIEST CROPPER

HALLOCK JOHNSON, Villa Ridge, Ill., October 15, 1902, writes: "The Earliana is of good size and of the very best quality. It is the earliest of all early tomatoes, and the heaviest cropper I have ever seen grown."

AVERAGED 150 PER PLANT

J. T. JOLLEY, Boles, Ill., September 19, 1902, writes: "Your Sparks' Earliana Tomatoes got away beyond all you claim for them; they bore for me 150 to the plant on an average. A perfect wonder in earliness."



Johnson & Stokes' Vegetable Seeds

DIRECTIONS FOR ORDERING ON ORDER SHEET TO BE DETACHED, OPPOSITE PAGE 12

IN the following pages we have endeavored to list the cream of all varieties known, weeding out many that are still advertised by other seedsmen, but which our extended tests at **Floracraft Trial Grounds** have proven to us are unworthy of cultivation. We take great pains each season to inform ourselves fully as to the real merits of everything offered as new or superior, and our customers may rest assured that if any much-lauded variety is not found in our **MANUAL**, the probability is much greater that we have tested it and found it of little or no value, than that it is unknown to us. It is our constant aim thus to gain and hold the confidence of all customers.

With our very liberal premiums, as offered on pages 1, 2 and 3, and our low prices on seeds in bulk, we say, without fear of contradiction, that "seeds of equal high quality can nowhere be obtained for as little money."

The Best Seeds that Grow and a List of Varieties it Pays to Grow

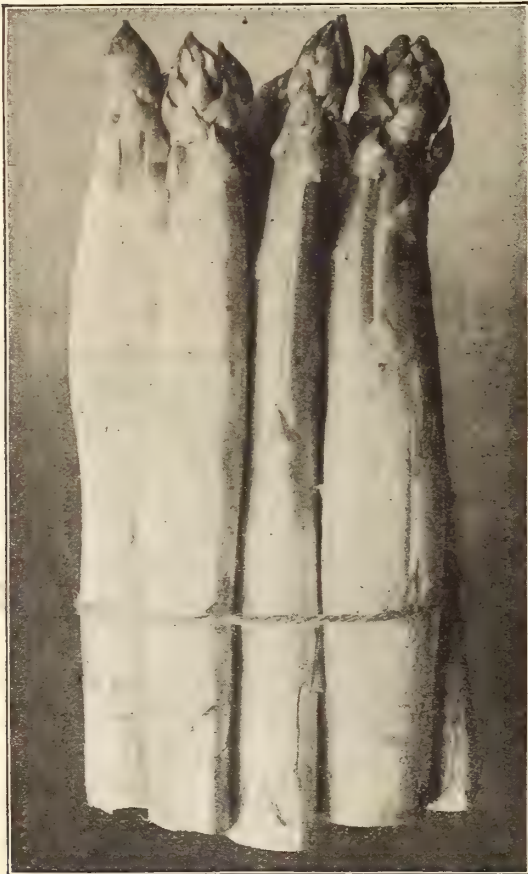
Artichoke

As a table vegetable the Artichoke deserves to be more generally cultivated. The part eaten is the flower head, which is used before it begins to open, and cooked in much the same way as asparagus.

Large Green Globe. Pkt., 10c.; oz., 30c.; lb., \$3.00.
Artichoke Roots for hog feed will be found under "Farm Seeds." Peck, \$1.00; bush., \$3.00; bbl., \$7.50.

Asparagus

Asparagus is one of the earliest spring vegetables. No vegetable on our list can be produced so cheaply and easily. (Directions for planting and culture will be found in our new **LEAFLET-ESSAYS**, sent free on request. A bed 12 x 40 feet, requiring about 100 roots, will give an abundant supply for an ordinary family. One ounce of seed will sow 40 feet of row; 7,200 roots will plant an acre.



SIX STALKS OF DONALD'S ELMIRA, WEIGHING 30 OUNCES.

Donald's Elmira Asparagus

This new asparagus, first introduced by us, has attracted much attention throughout the country. It was originated by Mr. A. Donald, a prominent market gardener of Elmira. He has always realized handsome prices, and although a large grower, was unable to supply half the demand. The delicate green color is notably different from either the famous Barr's Philadelphia Mammoth or Palmetto, while the stalks are more tender and succulent. Its mammoth size can be realized from the fact that in whole crops a bunch of twelve stalks will average three to four pounds in weight. It requires much less labor in cutting and bunching, thus lessening the expense of marketing. The seed we offer is saved for us by Mr. Donald from his choicest beds, and our roots are grown by us from the same high-class seed.

Price of seed: Pkt., 5c.; oz., 10c.; 1/4 lb., 30c.; lb., 90c.
STRONG ROOTS, 1 year old, 70c. per 100 (by mail, postpaid, 50 for 70c.; \$1.00 per 100); 500 for \$3.00; \$5.50 per 1,000; 2 years old, 75c. per 100; 500 for \$3.25; \$6.00 per 1,000, by freight or express.



TWO-YEAR-OLD ASPARAGUS ROOT.

Barr's Philadelphia Mammoth

This variety originated with Crawford Barr, a prominent market gardener of Pennsylvania. Grown side by side with Conover's Colossal, it grows twice as large and more productive. In Philadelphia it is much sought after and sells at top-notch prices. **Seed:** Pkt., 5c.; oz., 10c.; 1/4 lb., 20c.; lb., 65c. **GOOD STRONG ROOTS,** 1 year old, 65c. per 100 (by mail, postpaid, 50 for 50c.; 90c. per 100); \$4.50 per 1,000; 2 years old, 70c. per 100; \$5.00 per 1,000 (500 roots at 1,000 rate).

COLUMBIAN MAMMOTH WHITE. This is a most distinct variety, discovered on Long Island a few years since. The stalks are large, produced abundantly and early. They are clear white and remain so as long as fit for use, without earthing up or any other artificial blanching. There is a large demand from canners for this sort. **Prices of seed:** Pkt., 5c.; oz., 10c.; 1/4 lb., 25c.; lb., 75c. **GOOD STRONG ROOTS,** 1 year old, 70c. per 100 (by mail, postpaid, \$1.00 per 100); \$5.50 per 1,000; 2 year old roots, 75c. per 100; \$6.00 per 1,000 (500 roots furnished at 1,000 rate).

PALMETTO. This asparagus is now quite extensively grown for New York and Philadelphia markets, where it sells at high prices, owing to its fine size and regularity. Although of Southern origin, it is equally well adapted to the North. Pkt., 5c.; oz., 10c.; 1/4 lb., 20c.; lb., 65c. **ROOTS,** same price as Barr's Philadelphia Mammoth.

CONOVER'S COLOSSAL. A well-known old standard variety. **Prices of Seed:** Pkt., 5c.; oz., 10c.; 1/4 lb., 20c.; lb., 50c. **SPLENDID STRONG ROOTS,** 1 year old, 50c. per 100 (by mail, postpaid, 75c. per 100); \$4.00 per 1,000; 2 years old, 60c. per 100; \$4.50 per 1,000.

**BEANS—Dwarf Green Podded Snap Short**

One quart will plant one hundred feet of drill, two bushels will plant an acre in drills

Large, full-sized packets of any variety of Beans, 10c. each, by mail, postage paid.
Half pecks and half bushels supplied at peck and bushel rates.

	By Mail, Postpaid.		By Express or Freight.		
	Pint.	Qt.	Qt.	Peck.	Bu. h.
✓ Improved Round Pod Red Speckled Valentine. Finest strain, Refugee or Thousand to One. Medium early, hardy, productive	\$0 20	\$0 35	\$0 20	\$1 15	\$4 25
✓ New Extra Early Refugee. Two weeks earlier than the old Refugee,	20	35	20	1 15	4 25
✓ Stringless Green Pod. Extra early and of very fine quality	20	35	20	1 15	4 25
✓ Early Mohawk. Very early and hardy; long, flat, straight pods	20	35	20	1 15	4 25
✓ Long Yellow Six Weeks. Early, with full, flat green pods	20	35	20	1 15	4 25
✓ Emperor William. Very early, with large, long flat pod, white seed,	20	35	20	1 25	4 50
✓ Best of All. Round, long, glossy green, fleshy pods	20	35	20	1 25	4 50
✓ Early China Red Eye. Very early old standard sort	20	35	20	1 10	4 00

✓ New Giant Green Pod Stringless Valentine Bean

The Improved Round Pod Valentine Bean has long been one of the most popular with market gardeners. This distinct new cross-bred variety possesses all the merits of the old favorite, which is one of its parents, and having, in addition, the following points, which enhance its value:

It is ready for market with a more prolific crop of pods a week earlier.

The pods are one-third larger, averaging five to six inches in length.

They are always absolutely stringless, unusually crisp, round, full and fleshy.

Pkt., 10c.; pint, 25c.; qt., 40c., postpaid. By express or freight, qt., 25c.; peck, \$1.50; bush., \$5.50; bag of 2 bush., \$10.00.



PLANT OF NEW GIANT GREEN POD STRINGLESS VALENTINE.

✓ New Round Pod Kidney Wax Bean

The best Dwarf Wax Pod Bean ever offered. See illustration and description under Novelties, page 3. Pkt., 10c.; pint, 25c.; qt., 45c., by mail, postage paid; by freight or express, qt., 30c.; peck, \$1.75; bush., \$6.50.

DWARF WAX PODDED SNAP SHORT BEANS

Half pecks and half bushels will be supplied at peck and bushel rates. Many varieties of Seed Beans are again a very short crop this season, and early orders are advisable.

	By Mail, Postpaid.		By Express or Freight.		
	Pint.	Qt.	Qt.	Peck.	Bush.
✓ Golden Wax. The well-known old sort; popular for market	\$0 25	\$0 40	\$0 25	\$1 75	\$6 75
✓ Grennell's Improved Rust-Proof Golden Wax. Very superior,	25	40	25	1 75	6 75
✓ New Valentine Wax. One of the earliest wax beans; pods round	25	40	25	1 50	5 75
✓ Wardwell's Kidney Wax. Very popular, long, broad, flat pods	30	50	35	2 00	7 00
✓ Davis Kidney Wax. A new white-seeded bean. Long oval pods	25	40	25	1 75	6 75
✓ Keeney's Improved Refugee Wax. (New.) A decided improvement,	25	40	25	1 60	6 00
✓ Keeney's Rustless Golden Wax. New, very fine and stringless	25	40	25	1 40	5 50
✓ Currie's Rust-Proof Black Wax. Early, flat pods; fine shipper	25	40	25	1 60	6 00
✓ Dwarf German Black Wax, or Butter. Well-known old sort	25	40	25	1 75	6 75
✓ New Prolific German or Cylinder Wax. Very early and prolific,	25	40	25	1 75	6 75
✓ Keeney's Pencil Pod Black Wax. New, round, full and stringless,	25	40	25	1 75	6 75
✓ Fuller's Ringleader. (New.) The best Black Wax yet introduced,	30	50	35	2 00	7 00
✓ Golden-Eyed Wax. Early, hardy and prolific; popular market sort,	25	40	25	1 50	5 75
✓ Scarlet Flageolet Wax. Early, very large, flat, stringless pods	25	40	25	1 75	6 50
✓ Violet, or Perfection Wax. Large, handsome pods, very showy	25	40	25	1 75	6 75
✓ Yosemite Mammoth Wax. Very large pods of fine quality	30	50	35	2 00	7 75

Round Pod Kidney Wax



The Best of the Dwarf or Bush Lima Beans

✓ New Wonder Bush Lima Bean

The **New Wonder** is the earliest, dwarfest and most prolific of the whole class of Bush Limas. A decided improvement on the original type of Burpee's Bush Lima. By far the best of all. Pkt., 10c.; pint, 30c.; qt., 50c., postpaid; by express, qt., 35c.; peck, \$2.00; bush., \$7.50.

✓ Dwarf Large White or Burpee's Bush Lima

The true bush form of the old large Lima Pole Bean and most popular of the class. It grows vigorously to a height of twenty inches. Pint, 25c.; qt., 40c., postpaid; by express or freight, qt., 25c.; peck, \$1.75; bush., \$6.50.

✓ Dreer's, or Kumerle Bush Lima

Possesses all the good qualities of the **Dreer's Improved or Challenger Pole Lima**, growing vigorously about two feet high, and showing no disposition whatever to run. It produces pods in great abundance. The beans grow close together, four and sometimes five in a pod, and are thick, sweet and succulent. Pkt., 10c.; pint, 25c.; qt., 45c., postpaid; qt., 30c.; peck, \$1.85; bush., \$7.00 by express.

Henderson's, or Dwarf Sieva Lima

Size of the small Southern or Sieva Lima. Enormously productive. Pint, 25c.; qt., 40c.; peck, \$2.00; bush., \$7.50.

✓ BEANS—White Shelling Varieties

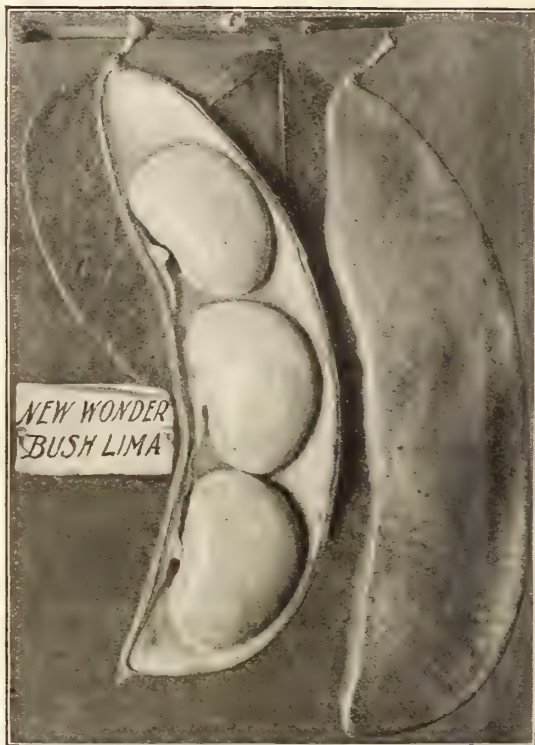
DAY'S LEAFLESS MEDIUM. The vine stands up well, grows abundant foliage, and just previous to the time of ripening, all the leaves fall off, so that each and every pod is exposed to the action of the sun's rays and ripens evenly. Matures in eighty days from planting. Pint, 25c.; qt., 40c., postpaid; by express, peck, \$1.25; bush., \$4.50.

BURLINGAME MEDIUMS. This is the leading field bean grown in Central New York. On the "Genesee Flats," fifty bushels to the acre is not an uncommon yield. Pint, 20c.; qt., 35c., postpaid; peck, \$1.00; bush., \$3.75.

WHITE NAVY OR PEA BEAN. A productive standard sort. Pint, 20c.; qt., 35c.; peck, \$1.00; bush., \$3.50.

ROYAL DWARF OR WHITE KIDNEY. Pint, 20c.; qt., 35c., postpaid; peck, \$1.00; bush., \$3.75.

WHITE MARROWFAT. Extensively grown for winter use. Pint, 20c.; qt., 35c.; peck, \$1.00; bush., \$3.75.



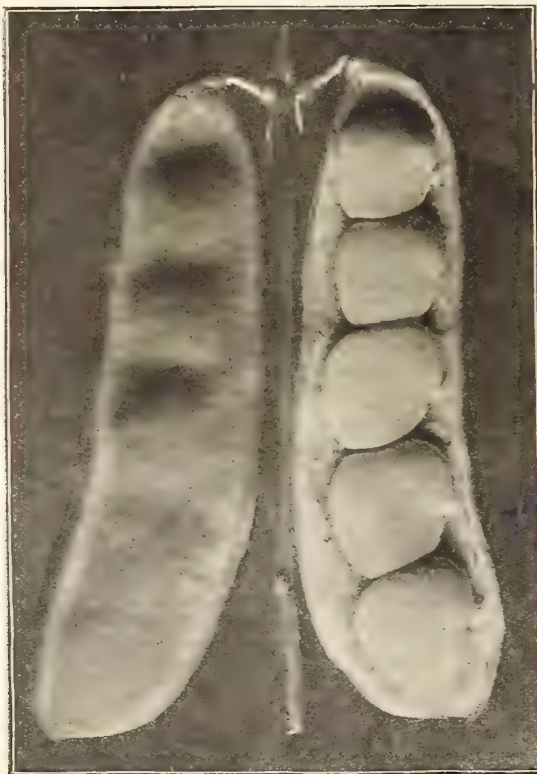
New Jersey Grown Pole Lima Beans

WHY THEY ARE THE BEST

For nearly half a century Southern New Jersey has had the reputation, and deservedly so, of growing the finest Lima Beans in the United States, the product being eagerly sought after by Boston, New York, Philadelphia and other Eastern cities, for both seed and consumption. For some years past, however, many seedsmen have been growing their supplies in Southern California, where they are grown very cheaply and without poles. We have made hundreds of tests of various Limas from California seed, and find the product much inferior in both quality and productiveness to those grown in New Jersey. It is also difficult to get them to take the poles, owing to the method by which they are grown, while the beans are smaller and lack the rich, buttery flavor peculiar to the New Jersey Limas.

Shotwell's Improved Thick Pole Lima

Originated by one of the best and most experienced growers of Northern New Jersey. It is of the thick or Potato Lima class, but will be found a decided improvement on the Dreer's Improved Pole Lima or any other bean of its class in earliness, productiveness and fine quality. All claims made for it have been fully substantiated by hundreds of our customers who tried it the past five seasons, and we regret we have not room here to publish the many strong recommendations received from them. Pkt., 10c.; pint, 35c.; qt., 65c., postpaid; by freight or express, qt., 50c.; 2 qts., 90c.; peck, \$2.50; bush., \$9.00.



SHOTWELL'S IMPROVED THICK POLE LIMA BEAN.



New Jersey Grown Pole Lima Beans—Continued

Twenty quarts of Pole Limas are required to plant an acre in hills four by four feet. We sell **Large Packets of each variety, 10c. each, postpaid.** Pints, when sent by freight or express, at half the quart rates; half peck and half bushel at peck and bushel rates.

Ford's Mammoth Podded Pole Lima Bean

This Lima Bean is the result of over twenty years' selection by the late Jas. Ford, who was one of the oldest market gardeners around Philadelphia. The pods grow to an average length of eight inches, are produced in great clusters, with from five to seven beans per pod, of most excellent quality for using either green or dry. The vines grow vigorously, setting the beans early at the bottom of the pole, and continue in bearing right up to frost. **Ford's Mammoth Podded** is, without exception, the **largest podded, finest flavored and most productive of all Lima Beans.** Pkt., 10c.; pint, 30c.; qt., 55c., postpaid; by freight or express, pint, 20c.; qt., 40c.; 2 qts., 70c.; peck, \$2.00; bush., \$7.50.

SEIBERT'S EARLY LIMA. This new variety is one of the very earliest. The vine is very vigorous and productive. Pods are large, but thin, and can be more easily opened than those of other varieties. The green beans are very large, handsome and of the best quality. In earliness, ease of shelling, size, beauty and quality of the green beans, this variety is superior, and is now recognized as one of the best for either the garden or market. Pkt., 10c.; pint, 25c.; qt., 45c., postpaid; by freight or express, qt., 30c.; peck, \$1.85; bush., \$7.00.

SHALLCROSS MARKET QUEEN LIMA. This new Pole Lima Bean was developed after many years' careful selection by Mr. Frank Shallcross, a noted Philadelphia market gardener and lima bean grower, from whom we first obtained seed. While not the earliest, it is, without question, one of the most prolific, bearing its handsome pods in immense clusters and filled with large, flat green beans. Pkt., 10c.; pint, 30c.; qt., 55c., postage paid; by express or freight, qt., 40c.; peck, \$2.25; bush., \$8.00.

JERSEY EXTRA EARLY LIMA. The pods are large and numerous, invariably having from four to five beans in each. These beans appear in Philadelphia markets nearly two weeks ahead of ordinary Limas, selling at from \$3.00 to \$4.00 per bushel of pods, and, previous to the introduction of Seibert's Early, were considered the earliest. Pkt., 10c.; pint, 25c.; qt., 45c., postpaid; by freight or express, qt., 30c.; peck, \$1.75; bush., \$6.75.

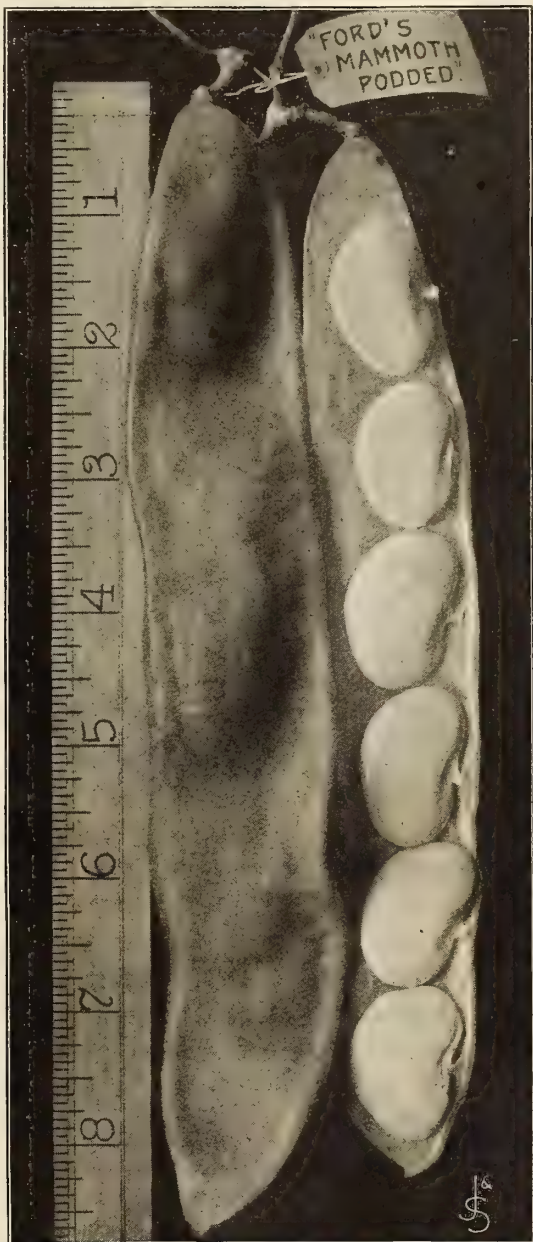
STOKES' EVERGREEN LIMA. The Stokes' Evergreen not only holds the full size and great productiveness of the Salem Mammoth, but has the remarkable additional quality of holding, in all stages of growth, and even when dry and shelled, the deep green color of the unripe state, giving the appearance of beans fresh from the vine when cooked. Pkt., 10c.; pint, 35c.; qt., 65c., postpaid; by express, qt., 50c.; peck, \$2.75.

KING OF THE GARDEN LIMA. More prolific than the ordinary Lima, bearing pods five to six inches long in clusters of four and five, with five to six beans in a pod. Pkt., 10c.; pint, 25c.; qt., 45c., postpaid; by express or freight, qt., 30c.; peck, \$1.75; bush., \$6.75.

DREER'S IMPROVED, CHALLENGER or POTATO POLE LIMA. When green is as large as the Large Lima, thicker, sweeter and more tender and nutritious, remaining green in the pod for a long time after maturing. Pkt., 10c.; pint, 25c.; qt., 45c., postpaid; by express or freight, qt., 30c.; peck, \$1.85; bush., \$7.00.

SALEM IMPROVED LIMA. A selection from the Large Lima Bean, of extraordinary size and deep green color. Pint, 30c.; qt., 55c., postpaid; by freight or express, qt., 40c.; peck, \$2.00; bush., \$7.75.

LARGE WHITE LIMA. (Extra Selected Size.) The well-known favorite. Our strain is fine. Pint, 25c.; qt., 45c., postpaid; by express or freight, qt., 30c.; peck, \$1.60; bush., \$6.00.



BEANS—Pole or Running

Half pecks and half bushels will be supplied at peck and bushel rates. Large packets, 10c. each, postpaid.

	By Mail, Postpaid.		By Express or Freight.		
	Pint.	Qt.	Qt.	Peck.	Eu b.
✓ Lazy Wife's. Best and largest Green Podded Snap Short Pole Bean, produced in large clusters; pods broad, thick, fleshy and entirely stringless. Dried beans pure white, fine for winter use	\$0 25	\$0 45	\$0 30	\$1 75	\$6 50
✓ White Crease Back or Fat Horse. One of the earliest Round Pod, Improved Kentucky Wonder or Old Homestead. Very long, round, straight pods; early, entirely stringless, very productive	25	45	30	1 60	6 00
✓ Southern Prolific. Continuous bearer, giving snap shorts in 80 days, Speckled Cut Short or Corn Hill. For planting among corn	25	45	30	1 75	6 75
✓ Dutch Case Knife. Flat pods, white beans for winter use	25	45	30	1 50	5 50
✓ Horticultural or Wren's Egg. Popular old sort for shell beans	25	40	25	1 50	5 75
✓ Early Golden Cluster Wax. Early, large, flat yellow pods; fine	25	40	25	1 50	5 50
	25	45	30	1 85	7 00



NEW GOLDEN POD ANDALUSIA POLE BEANS. Showing their wonderful productivity.

NEW GOLDEN POD ANDALUSIA POLE BEAN

A Golden Lazy Wife's. The Best Snap Short Pole Bean

This new pole bean, introduced by us several years since, has created a decided sensation wherever grown. The pods are five to six inches long, broad, thick, very fleshy and entirely stringless, far surpassing all other varieties in this respect, and retaining these important qualities until almost ripe. Pods when fully grown are five to six inches long, exceedingly rich, buttery and fine flavored. The vines cling well to the poles, a very important feature, as, owing to its wonderful productivity, the weight of a vine filled with such a mass of large pods is very great. They commence bearing in great abundance when the vines are quite young, and continue to bear profusely the entire season. The beans when dry are round, pure white, and also make a fine shell or winter bean. Pkt., 10c.; pint, 30c.; qt., 55c., by mail, postpaid; by freight or express, qt., 40c.; 2 qts., 75c.; peck, \$2.25; bush., \$8.00.

BROCCOLI

EARLY PURPLE CAPE. Best for North, producing compact heads. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

BRUSSELS SPROUTS

IMPROVED HALF-DWARF, or PARIS MARKET.

The most productive and hardest variety, bearing fine, handsome, solid sprouts, like miniature cabbage heads. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

LONG ISLAND STRAIN. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 50c.; lb., \$2.50.

BOOKS For the Farm and Garden

Standard works, written by acknowledged authorities on the subjects of which they treat. We send them postpaid on receipt of price. To customers who order them sent with seed orders, we allow a discount of 10 per cent. from publishers' prices, here quoted:

ON FARM AND GARDEN TOPICS

- Farm Gardening, or Quick Cash Crops and How to Grow Them.** A decided help to both the farmer and market gardener. Tells how and what to grow, how to fertilize and how to treat insect enemies, etc. 128 pages, fully illustrated. Johnson & Stokes 80 50
- Irrigation by Cheap Modern Methods.** A practical work. Johnson & Stokes 50
- \$100 Prize Essays.** By practical growers. "How and What to Grow in the South for Northern Markets," "Culture of Cabbage and Onions" 10
- Practical Farm Chemistry.** T. Greiner 1 00
- Gardening for Pleasure.** Henderson 2 00
- The Young Market Gardener.** A Beginner's Guide. 50
- How the Farm Pays.** Henderson and Crozier 2 50
- How Crops Grow.** A treatise on the chemical composition, structure and life of the plant. Johnson 2 00
- How Crops Feed.** A treatise on the atmosphere and soil as related to the nutrition of plants. Johnson 2 00
- Draining for Profit and Health.** Waring 1 50

ON VEGETABLES AND FRUITS

- Asparagus Culture.** Barnes and Robinson 50
- Biggle Berry Book.** (New.) The very latest treatise on small fruits. Illustrated by colored plates 50
- Broom Corn and Brooms.** Cloth 50
- Cabbages and Cauliflowers, How to Grow Them.** 30
- Mushroom Culture.** J. & S. Paper Circular 10
- Mushrooms—How to Grow Them.** Cloth 1 50
- New Onion Culture.** T. Greiner 50
- New Potato Culture.** The French System. Carmen, 50
- Squashes—How to Grow Them.** Gregory 30
- Sweet Potato Culture.** Fitz 60

ON FLORICULTURE

- Practical Floriculture.** For Florists. Henderson 1 50
- How to Destroy Insects on Plants and Flowers.** 25
- My Handkerchief Garden.** Barnard 10
- How to Plant a Place 20**

ON POULTRY AND LIVE STOCK

- Little Chicks.** Just out. A treatise on the successful care of chicks by both natural and artificial methods. Boyer 50
- Biggle Poultry Book.** Finely illustrated 50
- Biggle Cow Book.** } All up-to-date modern methods 50
- Biggle Swine Book.** } concentrated and recorded for 50
- Biggle Horse Book.** } the benefit of man 50
- Profitable Poultry Farming.** M. K. Boyer 25
- Farm-Poultry Doctor.** Dr. N. W. Sanborn 50
- Low-Cost Poultry Houses.** Illustrated 25
- 500 Questions and Answers on Poultry Topics 25**
- A Living from Poultry.** M. K. Boyer 25
- Broilers for Profit.** M. K. Boyer 50
- Capons for Profit.** T. Greiner 30
- Winter Eggs.** How to get them. John H. Robinson, 25
- Egg Record and Account Book 25**
- Practical Pigeon Keeper.** Illustrated. Wright 1 50
- Money in Squabs.** Brinton 50
- American Standard of Perfection.** A complete description of all the recognized Breeds of Fowls 1 00
- Duck Culture.** Rankin 50
- Training of Shepherd Dogs.** Wickham 50
- The Collie.** Its history, points and breeding. Dalziel, 1 00
- An Egg Farm, or the Management of Poultry in Large Numbers.** H. H. Stoddard 1 00
- The Rabbit.** W. N. Richardson 25

**✓ CROSBY'S IMPROVED EGYPTIAN BLOOD TURNIP BEET**

Still in the lead as the best Extra Early Beet for market or home table. Our seed grown direct from Josiah Crosby's Selected Stock Seed. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

GARDEN BEETS—A Select List of the Best

One ounce of seed will sow sixty feet of drill, five pounds will sow an acre in drills

All varieties in regular large-sized packets, at 5c. per packet, postpaid.
Deduct 10c. per lb. from these prices if ordered sent by express.

	Per oz.	$\frac{1}{4}$ lb.	Per lb.
✓ Ruby Dulcet (Novelty). See illustration, page 4. A new English sort of the finest quality, wonderfully early, fine shape, rich red color, very sweet	\$0 15	\$0 35	\$1 25
✓ Extra Early Egyptian Blood Turnip . A standard early sort with small top . . .	10	20	60
✓ Johnson & Stokes' Surprise . Extra early, small top, splendid shape and color . .	10	30	90
✓ Improved Eclipse . A fine round beet of first quality; very early, greatly improved, . .	10	25	75
✓ New Meteor . Fine round shape, skin dark blood-red, flesh red, very sweet . . .	10	30	90
✓ New Columbia . (Carter's Excelsior.) Round, smooth, deep red flesh	10	20	65
✓ Arlington Favorite . Very early and handsome Blood Turnip with dark leaves . .	10	20	60
✓ Lentz Extra Early Blood Turnip . First introduced by us—original stock . . .	10	20	50
✓ Bastian's Extra Early Blood Turnip . Very early and popular, small top . . .	10	20	50
✓ Early Bassano . Very sweet, light-colored flesh, fine form	10	20	50
✓ Detroit Dark Red Turnip . Of fine dark color and form; splendid for market . .	10	20	65
✓ Dark Stinson . Very popular with Philadelphia gardeners, good for winter . . .	10	20	60
✓ Edmand's Early Red Turnip . Fine medium early, deep red, very uniform . . .	10	20	55
✓ Bastian's Half-Long Blood . One of the most popular winter keepers	10	20	50
✓ Ford's Perfected Half-Long . An improvement on the above; better shape . . .	10	25	80
✓ Long Smooth Blood Red . An excellent, large, very late sort	10	20	50
✓ Swiss Chard or Silver . Cultivated for leaves, which are used as greens	10	20	55



J. & S. SURPRISE BEET.

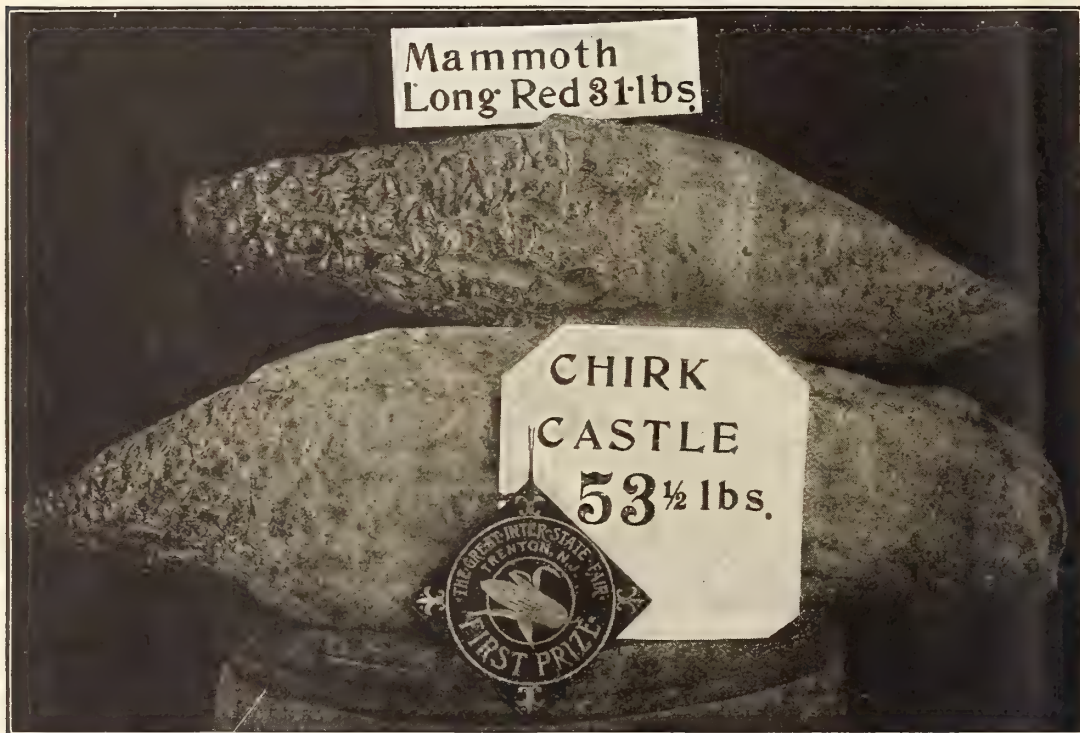
IMPROVED ECLIPSE BEET.

NEW METEOR BEET.



MANGEL-WURZEL AND SUGAR CATTLE BEETS

We strongly recommend the Mangels and Sugar Beets for feeding to cattle, sheep and swine. The roots grow to a very large size, make a much heavier yield than Turnips, and are more nutritious and fattening for food during the winter, largely increasing the yield of milk in cows. They can be grown at trifling cost. The seed should be sown during April or May, in rows 2½ to 3 feet apart, at the rate of five pounds per acre. When the plants are 2 or 3 inches high, thin or cut out with the hoe to 10 or 12 inches apart. The roots should be harvested before frost and stored in pits or cellars.



Photograph of Prize Chirk Castle Mangel in comparison with the largest Improved Mammoth Long Red, both specimens grown in same field, with same cultivation. We believe this specimen to be the largest Mangel ever grown in America.

THE CHIRK CASTLE MANGEL-WURZEL BEET

Remarkable for its handsome, thick, uniform shape and very broad shoulders, its diameter being greater and its weight much heavier than Mammoth Long Red, as shown in our photograph above. Flesh is deep red, containing less water and more sugar than any other Mangel, making it more nutritious and milk-producing. Sheep also thrive better when fed on it, picking out pieces of it in preference to other kinds. It was originated in Scotland, where it has been known to produce 60 tons to the acre. Pkt., 10c.; oz., 15c.; ¼ lb., 25c.; lb., 75c., postpaid; by freight or express, lb., 65c.; 5 lbs. (enough for one acre), \$3.00; 10 lbs. and over at 50c. per lb.

All the following varieties of Mangel-Wurzel and Sugar Beets are put up in regular large-sized packets, each at 5c. per packet, postpaid.

If ordered to be sent by freight or express, deduct 10c. per lb. from prices, or if ordered in 5-lb. lots, 15c. per lb. may be deducted.

	Per oz.	¼ lb.	Per lb.
✓ Mammoth Long Red Mangel. Sometimes called Jumbo, Norbitan, Giant, and Colossal. Extensively grown for stock feeding.	\$0 10	\$0 15	\$0 35
✓ Taber's Gate Post Mangel. The most useful, largest and best yellow, often weighing 40 lbs. and over, and producing 2,000 to 2,500 bushels to the acre. . .	10	20	60
✓ Golden Giant Intermediate (Yellow Leviathan Mangel). Grows more than half above ground; flesh white, firm, sweet.	10	15	40
✓ New Golden Yellow Mammoth Mangel. Form and size resembles Red Mammoth; flesh golden yellow, large and very productive.	10	20	45
✓ Champion Yellow or Orange Globe. Heavy cropper; succeeds on light land. . .	10	15	35
✓ Golden Tankard Mangel. Broader than Mammoth Long Red; hardy and early. .	10	15	35
✓ Giant Half Sugar Rose. A cross of the Mammoth Red Mangel and Improved Sugar Beet, containing more sugar than other Mangels; root large, long and smooth, and of a beautiful light rose tint; fine quality and a heavy cropper. . .	10	20	45
✓ Improved Klein Wanzleben Sugar Beet. Possesses the highest sugar-producing qualities. A very fine and shapely root.	10	15	35
✓ Lane's Improved Imperial. An improvement on the French Sugar Beet. Hardier, more productive, yielding thirty-five to forty tons per acre.	10	15	35
✓ Red Top White Sugar Beet. The old variety, largely grown for stock feeding. . .	10	15	35



High-Bred American Grown Cabbage Seed

To gardeners generally no vegetable is of greater importance than the cabbage; and to many growers the success or failure of this crop means gain or loss for the year. It does not pay, therefore, to take any risks in buying seed. Much of the seed commonly sold has not had the great care necessary in growing to make it reliable. Our Cabbage Seed is the very best that can be grown, raised only from the centre shoots and from carefully selected solid heads. Our crops are all personally inspected with untiring care and watchfulness. As a standing evidence of its quality, we annually supply hundreds of the best market gardeners about Philadelphia, New York, Chicago and other large cities.



JOHNSON & STOKES' EARLY JERSEY WAKEFIELD.

JOHNSON & STOKES' EARLIEST CABBAGE.

JOHNSON & STOKES' EARLIEST The Earliest and Hardest Heading of all First Early Cabbages

No words of praise can be written that would recommend this most desirable cabbage too highly. It is to-day more largely planted by market and private gardeners than any other first early cabbage.

It is **ten days earlier** than Early Jersey Wakefield, and is **unsurpassed in fine quality**, great beauty and vigor of growth. The heads are slightly conical, large, solid and remarkably uniform in growth. Prices, pkt., 15c.; oz., 45c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50; 2 lbs., \$8.50; 5 lbs. and over, \$4.00 per lb.

Johnson & Stokes' Selected Early Jersey Wakefield Cabbage

While this sort is not so early as Johnson & Stokes' Earliest, it will be found to be the very best conical headed sort to come in immediately after it. It heads up remarkably hard and solid, with but few outside leaves, which are unusually thick and heavy, enabling it to stand cold weather without injury when carried through the winter either in the open ground in the South or in cold frames in the North. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

An Ideal List of Early and Summer CABBAGES

Remember our prices are for seeds, postpaid by mail. If ordered by express or freight, deduct TEN CENTS per pound from prices quoted.

By Mail, Postpaid.

	Per oz.	$\frac{1}{4}$ lb.	Per lb.
Large packets of following varieties, 10 cents each, except where noted:			
Earliest Etampes. An extra early small French sort, with pointed heads; pkt., 5c.,	\$0 15	\$0 40	\$1 40
Extra Early Express. Earliest of French cabbages; small pointed heads; pkt., 5c.,	15	45	1 65
Wonderful. One of the earliest American sorts; heads small and loose	30	85	3 00
Early Spring. A new round, flat-headed cabbage, as early as Jersey Wakefield,	30	90	3 25
Charleston or Large Wakefield. About a week later than Jersey Wakefield . .	25	75	2 75
Foremost German. (Novelty 1901.) Very handsome; matures early, with fine large solid white heads; the best foreign cabbage ever introduced in America,	30	85	3 00
Early Winningstadt. (Grown from Prussian Prize Stock.) Those intending to plant this variety will find our strain far superior in earliness, size and solidity,	20	60	2 00
Early Winningstadt. Best imported seed as generally sold by others; pkt., 5c.,	15	40	1 40
All Head Early. A flat head, coming in with Early Summer; much larger	20	60	2 00
Early Flat Dutch. We offer a remarkably fine strain; a sure solid header	20	60	2 00
Henderson's Early Summer. A most popular and superior second early sort . .	20	65	2 25
All Seasons (Vandergaw). One of the finest, growing to a large size quickly . .	20	60	2 00
Henderson's Succession. An excellent second early; on style of All Seasons . .	20	65	2 25
Louisville Early Drumhead. Dark, bluish-green color; popular in the southwest,	20	50	1 75
Fottler's Improved Flat Brunswick. Large, solid heads; fine for early or late,	20	50	1 75



JOHNSON & STOKES' MARKET GARDENERS' NO. 2, THE MOST PERFECT CABBAGE IN EXISTENCE.

✓ JOHNSON & STOKES' Market Gardeners' Cabbage No. 2

A Flat-Headed Cabbage, Coming in with Wakefield and Producing Double the Crop of any other Extra Early

In this, the most perfect and uniform cabbage in existence, we have also the **earliest and most compact of all large cabbages**. It receives nothing but praise from Maine to California, and is pronounced by prominent gardeners everywhere the very best of all large early cabbages, either for summer or winter use. In it we have a cabbage so hardy and vigorous that it can be set earlier than Jersey Wakefield or Early Summer, and will produce fine, solid, marketable heads, more than twice as large as Jersey Wakefield and one-half again as large as Early Summer and come in as early as Large Wakefield and fully a week earlier than Early Summer or any other variety of its size or class. When planted for a fall or winter crop there is no other cabbage which will withstand the summer sun so well and is so sure to form large, deep, solid heads which keep perfectly all winter. Choicest seed of our own selection and growth. Pkt., 15c.; oz., 45c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50; 2 lbs. for \$8.50.

✓ Louderback's All the Year Round Cabbage



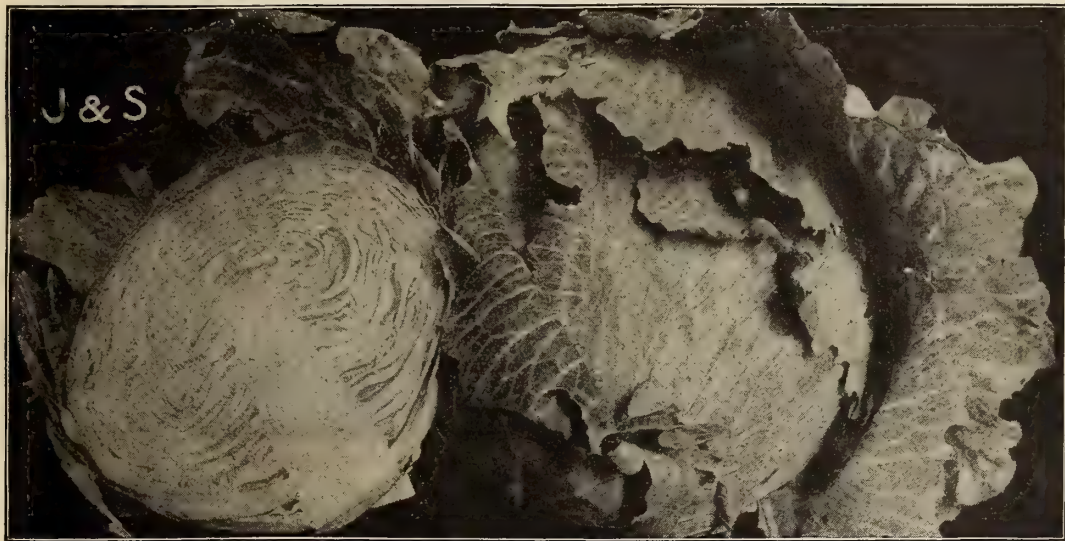
LOUNDERBACK'S ALL THE YEAR ROUND CABBAGE.

This cabbage originated with Daniel Louderback, one of the oldest and most successful of Philadelphia market gardeners; has for many years been the standard early round-headed cabbage with Philadelphia Market Gardeners, who prefer it to Early Summer and similar sorts, the originator frequently getting as high as \$10.00 per pound for his seed. It is not only the finest early Drumhead in cultivation, but is equally as good for **second and third early, intermediate and late**. It heads large, compact and solid, with very short stem and few outer leaves, and unflagging under the hottest sun or heaviest frost. It may be sown successively and continuously during all periods when cabbage is planted. Seed grown by the originator. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

Rock Head Winter Cabbage

The Rock Head Cabbage originated a few years ago in Bucks Co., Pa. It is of large size, perfect shape and combines all those qualities so desirable to render a late cabbage perfect in every respect, viz.: **size, weight, quality,**

sure heading and a long keeper. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.



JOHNSON & STOKES' MATCHLESS LATE FLAT DUTCH CABBAGE

The largest, most uniform and solidest of all late sorts, pronounced by experienced cabbage growers the finest strain of late cabbage in the world. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

An Ideal List of Standard Late or Winter CABBAGES

All varieties in regular large-sized packets at 10c. per packet.
Deduct 10c. per lb. from these prices if ordered sent by express.

-Postpaid, by Mail.

	Per oz.	$\frac{1}{4}$ lb.	Per lb.
✓ Surehead. (Original seed.) Strong, vigorous; very uniform; large and solid . . .	\$0 20	\$0 50	\$1 75
✓ Louderback's All Year Round. Equally good for all seasons; large and solid . . .	30	75	2 75
✓ Autumn King, or World Beater. A new strain; enormous solid heads . . .	20	60	2 00
✓ The Lupton. Earlier than Flat Dutch; of closer growth; a large sure header . . .	25	70	2 25
✓ Hollander, or German Export. Heads solid; medium size; white; very distinct, . . .	25	70	2 25
✓ Diamond Winter. Heads extra hard and solid, somewhat flattened; medium . . .	30	75	2 75
✓ Carolina Hard Header. Large, round, solid heads; popular in the South . . .	25	75	2 50
✓ Rock Head. Large, late, very hard, sure header; fine keeper; one of the best . . .	30	75	2 75
✓ Short Stem Drumhead. Surpasses the old Late Drumhead, ripening earlier . . .	20	60	2 00
✓ Large Late Drumhead. Old favorite winter sort; valuable for main crop . . .	15	45	1 50
✓ Premium Flat Dutch. Largely grown for main crop; a favorite for winter market, . . .	15	40	1 40
✓ Long Island Colossal Savoy. New, large hard heads of finest quality . . .	35	1 00	3 75
✓ Perfection Drumhead Savoy. Large, loose heads, nearly round; fine quality . . .	20	50	1 75
✓ Improved Red Dutch Erfurt. Very hard heads; deep blood color; for pickling, . . .	20	50	1 75
✓ Mammoth Red Rock. Largest, hardest heading and best red cabbage . . .	25	75	2 50

DANISH BALL-HEAD CABBAGE

Genuine Seed Grown by Originator in Denmark

A very handsome and extremely hardy imported cabbage, which is growing in popularity in America, having proven one of our best winter sorts. It is highly prized in Denmark, and grown there almost exclusively for winter cabbage. It thrives well on thin soils and in highly exposed situations. The heads are of good marketable size, not quite so large as Flat Dutch, but very hard, round, fine grained, and will weigh one-fourth more than other varieties of equal size. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50; 2 lbs., \$4.75.

Johnson & Stokes' Hard Heading Savoy

Market Gardeners' Private Stock

This variety, the result of many years' careful selection, is certainly the perfection in the Savoy. It is unquestionably the best and most profitable strain to grow, being far superior to the imported Drumhead Savoy, as generally sold, the seed of which can be supplied at less than half the price. The heads are large, very uniform, solid and hard, of a deep green color. It is very curly and sure to head, keeps well and retains its color until very late in the season. It is the best of all for either market or the home table, owing to its fine quality. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00; 2 lbs. for \$5.50.



DANISH BALL-HEAD CABBAGE.



PHOTOGRAPH OF TWO AVERAGE HEADS OF JOHNSON & STOKES' EARLY ALABASTER CAULIFLOWER TRIMMED FOR MARKET.

Johnson & Stokes' Early Alabaster Cauliflower

**EARLIEST OF ALL
EASIEST GROWN
SUREST HEADER**

This is not only the earliest, but is the finest cauliflower in the world, and it is so pronounced by all growers who have had it. It is of very dwarf, erect habit, with short outer leaves. Can be planted less than two feet apart each way. It is a **sure header**, every plant forming a large, solid, perfect head, of the finest table quality. Our seed of the **Early Alabaster** is **American grown**, thoroughly acclimated, and from it a crop of cauliflower can be grown as easily as a crop of cabbage, and with greater profit. Pkt., 25c.; 5 pkts., \$1.00; $\frac{1}{2}$ oz., \$2.50; oz., \$5.00; $\frac{1}{4}$ lb., \$16.00.

CAULIFLOWER

One ounce will produce about fifteen hundred plants and sow about forty square feet.

GILT EDGE EARLY SNOWBALL. For forcing under glass during winter and early spring, or for planting later in the open ground, no stock of Snowball can surpass it. Pkt., 25c.; $\frac{1}{4}$ oz., 75c.; $\frac{1}{2}$ oz., \$1.50; oz., \$2.50; $\frac{1}{4}$ lb., \$8.00.

DENMARK OR COPENHAGEN. (Dry Weather.) A new Danish variety that has given fine results in the United States. It is as early as Snowball, with larger heads. We offer the best imported Danish seed grown by the originator. Pkt., 25c.; $\frac{1}{4}$ oz., 75c.; $\frac{1}{2}$ oz., \$1.50; oz., \$2.50; $\frac{1}{4}$ lb., \$8.00.

EXTRA SELECTED EXTRA EARLY DWARF ERFURT. One of the earliest varieties; small-leaved, dwarf for forcing, producing pure white heads of the finest quality. Do not confound this variety with the cheaper Early Dwarf Erfurt. Pkt., 25c.; $\frac{1}{2}$ oz., \$1.50; oz., \$2.50; $\frac{1}{4}$ lb., \$8.00.

EXTRA EARLY PARIS. A popular early, sure heading variety. Pkt., 10c.; oz., 75c.; $\frac{1}{4}$ lb., \$2.25; lb., \$8.00.

VEITCH'S AUTUMN GIANT. Large heads, well proportioned. Pkt., 10c.; oz., 65c.; $\frac{1}{4}$ lb., \$1.75; lb., \$6.00.

ALGIERS. One of the best sure heading late varieties. Pkt., 10c.; oz., 75c.; $\frac{1}{4}$ lb., \$2.25; lb., \$8.00.

LENORMAND'S SHORT STEM. Large late variety; well-formed white heads of extra quality, well protected by leaves. Pkt., 10c.; oz., 75c.; $\frac{1}{4}$ lb., \$2.25; lb., \$8.00.

CHICORY

The roots, dug in the fall, dried, cut in thin slices, roasted and ground, are used largely as a substitute for coffee.

LARGE ROOTED, OR COFFEE. The chicory of commerce; the best. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

CHIVES

Chives are very hardy and perennial members of the onion family. They are grown exclusively for their tops. Planted in clumps in any garden soil, they grow readily, and increase so as to render a division necessary. The tops appear very early in spring, and can be cut throughout the season. Roots, per bunch, 25c. by mail, postpaid.

COLLARDS (COLEWORT)

Collards are largely used as "greens" in some parts of the country, especially South. They are a form of the cabbage, bearing new leaves as the old ones are pulled off.

GEORGIA. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.

CARROT

One ounce will sow about one hundred and twenty-five feet of drill; four pounds will sow an acre.

Deduct 10c. per lb., if ordered sent by express.



NEW FRENCH MARKET CARROT

We were the first to import seed and offer for sale in America this beautiful new and distinct French carrot. The form as shown in our photograph above is much handsomer than Danvers. This, with its better color, makes it much more attractive, never becoming ringed or rooty. It is also entirely free from core, the flesh being tender and sweet throughout. A very heavy cropper and a great keeper, holding its fine color all through the winter, coming out of the pits as bright and fresh as when first dug. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.



RUBICON HALF-LONG CARROT

Since our introduction of this valuable and distinct American carrot a few years ago, it has rapidly grown in popularity, until now it is more largely grown than all other varieties of carrot combined. The strain was selected and perfected by a market gardener of Connecticut, under whose care the carrots attained such uniform shape that they are almost exact duplicates of each other. It is earlier than Danvers, about the same length, but heavier and thicker at the shoulders, as shown in our photograph opposite, making it more productive; the leaves are also shorter, fewer and finer. It is a wonderfully heavy cropper, producing 30 to 40 tons to the acre under good field culture. It grows without neck, the crown is hollow, and it grows well under the ground, which prevents it from becoming sunburnt. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25, postpaid; by express or freight, lb., \$1.15; 5 lbs. and over, \$1.00 per lb.

RED PARISIAN FORCING. A distinct new variety; earliest of all; as round as a turnip; has a fine neck; leaves short and erect. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

EARLY SCARLET HORN. Favorite summer variety; orange color. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.

OX-HEART, or HALF-LONG GUERANDE. (*Stump-Rooted.*) An intermediate between the Half-long and Horn varieties, attaining a diameter of four inches at the neck; of beautiful shape, rich orange color, extra fine quality, productive. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.

CHANTENAY. An improvement on the old Nantes; has larger shoulders. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.

EARLY HALF-LONG SCARLET. Rich color, fine for forcing. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.

SAINT VALLERY, or NEW INTERMEDIATE. Grows to uniform large size, intermediate in shape between the Half-long and Long Orange. Roots are straight, smooth. Rich orange red. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.

NICHOLS' LONG ORANGE. Originated by Mr. Robert Nichols, one of the most successful market gardeners of this city. The strain is much earlier than the Long Orange as usually sold. The color is of a deep golden orange when young, shading to a deep orange red when fully grown. The root is perfectly smooth, grows without any neck; the top is short, and this, together with its extreme earliness, admirably fits it for first early use. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

IMPROVED DANVERS HALF-LONG. Our Improved American stock of this valuable variety is preferred by many gardeners to any other sort. The top is small; color, a rich shade of orange; shape, *handsome and smooth*; quality, the very best. It is equally valuable to grow for feeding stock, being well adapted to all soils. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.15.

IMPROVED LONG ORANGE. Well-known popular old stand-by for late summer and winter use; grown extensively for feeding stock. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 85c., postpaid; by express or freight, lb., 75c.; 5 lbs. and over, 70c. per lb.

LARGE WHITE BELGIAN. Grows one-third above ground; large white root, with green top; grown exclusively for feeding stock. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c., postpaid; by express, 5 lbs. and over, 45c. per lb.

LARGE YELLOW BELGIAN. A good stock-feeding variety, differing from the above only in color. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 65c., postpaid; by express, 5 lbs., \$2.50.



RUBICON HALF-LONG ORANGE CARROT.

What Leading Market Gardeners Say of a Few of Our Specialties

A Few Samples of Hundreds of Testimonial Letters Received

JOHNSON & STOKES' EARLIEST CABBAGE

JOHN BELL & SONS, Peterboro, Ont., Canada, February 2, 1902, write: "Your J. & S. Earliest Cabbage deserves special mention. We have proven it more vigorous than Express, more even for harvesting than Jersey Wakefield, and much earlier than either."

J. & S. MARKET GARDENERS' No. 2 CABBAGE

W. J. GREER, Joplin, Mo., writes: "Your Market Gardeners' Cabbage No. 2 is by far the earliest and best I have ever grown. I planted also this season Early Summer, Succession, All Head, Surehead, and several other kinds, but Market Gardeners' No 2 surpassed them all."

J. & S. MATCHLESS FLAT DUTCH CABBAGE

JOHN W. MILLER, Allentown, Pa., September 29, 1902, writes: "Your seeds are simply perfect. I have about ten thousand of your Matchless Late Flat Dutch Cabbage, and it is the finest late cabbage I have ever grown or seen."

EARLY ALABASTER CAULIFLOWER

ANGELO BIGGI, Lakeport, Cal., writes: "I have never been successful in raising cauliflower except from your seed. This year surpassed all expectations. Out of over 500 heads

Early Alabaster, the smallest weighed four pounds, while many weighed over ten pounds."

RUBICON CARROT

S. M. POWELL, Manhasset, N. Y., writes: "I sowed one pound of your Rubicon Carrot, and the yield was away beyond my expectation; they were the earliest and finest I have ever seen. I began carrying them to the New York market early in July, and received \$2.00 to \$2.50 per barrel for them. From the Rubicon I had the first barrel of carrots in New York."

WINTER QUEEN CELERY

CURRINGTON BROS., Susquehanna, Pa., October 22, 1902, write: "We have grown celery for market for twenty years, and never had any to equal the Winter Queen; it is the best winter keeper, very stocky and vigorous in growth, solid, crisp, very showy, and a great seller."

NEW SUMMERLEAD LETTUCE

CHARLES H. BROWN, Hamilton, O., writes: "Your Summerlead Lettuce is the longest standing I have ever had on the place, and I have been gardening for forty-two years. I would also add that the lettuce is the handsomest, the finest, the best cropper and best seller I have ever known."



PERFECTED WHITE PLUME CELERY.

JOHNSON & STOKES' GOLDEN SELF-BLANCHING CELERY.

Celery

One ounce will produce about twenty-five hundred plants and sow about two hundred feet of row.

Perfected White Plume Celery

Each year adds to the popularity of White Plume Celery. Like our *Golden Self-Blanching*, it requires very little earthing up to blanch it, and although its keeping qualities are not quite equal to *Golden Self-Blanching*, yet as a celery for the fall and early winter use, it is unsurpassed. Our strain of this variety is closely selected each year, and will be found entirely free from green celery, so prevalent in much of this seed sold. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Golden Self-Blanching Celery

Our *Golden Self-Blanching Celery* is pronounced by hundreds of our patrons the very best and most profitable celery in cultivation. It is very early, entirely self-blanching, and can be grown without any banking up or covering whatever, even the outer ribs assuming a yellowish white color. The heart is of a beautiful golden yellow color, very large, crisp and solid. It is unequalled in striking appearance on the table or market stall, and decidedly the best keeper of all the self-blanching varieties. The largest celery growers are now planting their entire early crops in this variety, and those who purchase from us are unanimous in pronouncing our strain the best and purest obtainable. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

The Best of the Standard CELERIES

Large packets, 10 cents each, except where noted. If ordered sent by freight or express, 10 cents per lb. should be deducted from prices.

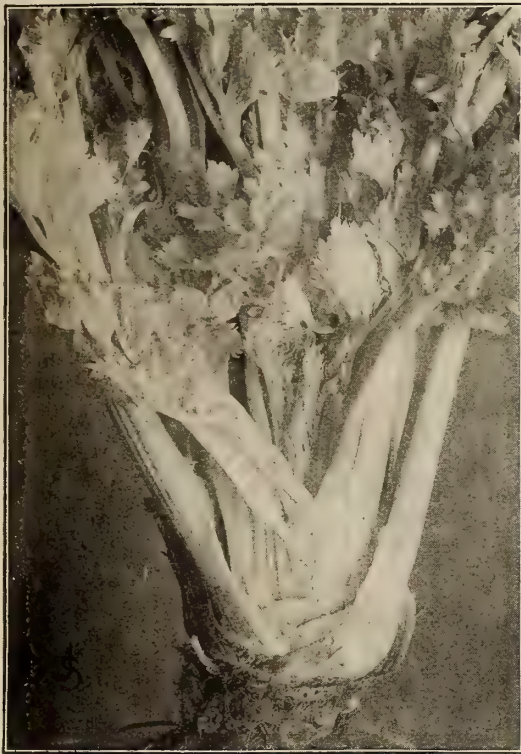
By Mail, Postpaid.

	Per oz.	$\frac{1}{4}$ lb.	Per lb.
Giant Pascal. Popular green sort, very brittle, crisp and nutty in flavor; pkt., 5c.,	\$0 15	\$0 40	\$1 50
Golden Dwarf or Golden Heart. Fine, large, solid, waxy-golden heart; pkt., 5c.,	15	40	1 50
Perfection Heartwell. Large heart; superior quality; excellent for winter; pkt., 5c.,	20	50	1 75
Schumacher. Immense size; solid, crisp; firm golden-yellow heart; pkt., 5c.,	20	65	2 40
Fin de Siecle. A fine selection from Schumacher; fine keeper and shipper . . .	25	75	2 75
Paris Golden Self-Blanching. Superior French seed grown by the originator . .	45	1 25	4 50
Rose Ribbed Golden Self-Blanching (Golden Rose). A sport of Golden Self-Blanching, possessing all its good qualities. Ribs assume a rosy hue . . .	30	80	3 00
Vautier's Giant Golden Heart. Very large and fine; popular at Philadelphia . .	25	70	2 25
Kalamazoo Large Ribbed. Half-dwarf white, grown largely in Michigan; pkt., 5c.,	15	40	1 50
Boston Market. White, crisp and solid; very dwarf, crisp and tender; pkt., 5c.,	15	40	1 50
Crawford's or Henderson's Half Dwarf. Yellowish-white; nutty flavor; pkt., 5c.,	15	40	1 50
Giant White Solid. Of tall, large size; very solid, pure white; pkt., 5c., . . .	15	40	1 50
New Pink Plume. Intermediate between the white and red celeries; early . . .	25	70	2 25
New Rose. The best red celery; solid, crisp and ornamental; pkt., 5c., . . .	20	60	2 00
Soup or Flavoring Celery. (<i>Old Sed.</i>) Used for flavoring soups, stews, etc. . .	5	10	25



Two New Celeries—MYER'S QUICK GROW- ING WHITE PLUME and NEW CREMONA

See illustrations and descriptions, page 6.



WINTER QUEEN—Showing its Stocky Habit.

WINTER QUEEN CELERY

The most popular as a late keeper. Since our introduction of this very valuable new celery seven years ago, it has become the most popular of all as a late winter keeper, frequently being seen and selling at high prices in the month of May, after all other celeries are done. It is, without doubt, the most valuable variety of celery for winter and spring use ever introduced, with the exception of the New Cremona, and excels the celebrated Perle Le Grand and Perfection Heartwell as a late winter keeper. It is also much stouter, thicker and heavier, with double the amount of heart of other sorts. The plant is beautiful in appearance, of close habit and compact growth, and blanches to a beautiful cream white. Ribs perfectly solid, crisp and of delicious nutty flavor. Pkt., 10c; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.75.

PERLE LE GRAND CELERY

VALUABLE FOR BOTH EARLY AND LATE USE. The Perle Le Grand Celery was named and introduced by us in 1894, and has met with large sale. Its beautiful, full golden heart and rich nutty flavor are unapproached by any of the older sorts. On the market stall it is extremely showy and salable, a single plant making a good-sized bunch and surpassing nearly all other sorts in weight. It is not only a good early celery, being among the first fit to use, but also most valuable as a winter keeper, remaining, when properly trenched, in perfect condition away into the spring. Pkt., 10c; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

FAR SUPERIOR MANY HEART

A new late celery originated at Philadelphia, producing plenty of heart and of the finest quality, with rich, nutty flavor. Pkt., 10c; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

EVANS' TRIUMPH CELERY

This splendid new variety, originated in Canada, grows a very strong and vigorous plant with large, very white, crisp, brittle, tender, short, broad stalks. It is very late, requiring the whole season to develop, but will keep splendidly all winter. Pkt., 10c; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

Celeriac—Turnip-Rooted Celery

LARGE SMOOTH PRAGUE. The largest, smoothest and best; really the only one we have ever found worth cultivating. Pkt., 5c; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

Corn—Sweet or Sugar

Choice Eastern Grown Seed.

One quart will plant about two hundred hills, and one peck is required to plant an acre in hills.

Our Sugar Corn is Eastern grown and of the very best quality—much superior to the Nebraska or Western grown, which is sold so generally by seedsmen. We offer only one grade on all seeds we grow and handle; that being the best.

To have delicious sweet corn, it should be picked in the right condition, just when the skin of the grain breaks with the slightest puncture, and plantings should be made frequently enough to always have a supply at this stage of growth.

BUCK MOUNTAIN CORN

NOVELTY 1903

The most valuable early market corn yet introduced. See illustration and description under Novelties, page 7.

New Extra Early Sweet Corn, Metropolitan

See illustration, next page.

From our own trials and those made by many of our customers the past two seasons, we think we are safe in saying that the New Metropolitan combines the essential features of earliness, freedom from smut, and fine quality to a more satisfactory degree than any first early sweet corn ever introduced. The plant grows vigorously to a height of about 5 feet; ears long, well filled out and set low, about $1\frac{1}{2}$ feet from the ground; are produced two and often three on a stalk. They average about 9 inches in length and are exceedingly white in color during eatable condition. Pkt., 10c; pint, 25c; qt., 40c, by mail, postage paid; by express or freight, qt., 30c; peck, \$1.15; bush., \$4.00.

BURLINGTON HYBRID CORN

This valuable market sort is a cross between Adams' Extra Early and a large eared productive variety of sugar-corn. Its great market value can be readily seen from the fact that it is nearly as early as the Adams, with an ear as large as Stowell's Evergreen, and more productive than either, it having frequently produced over one hundred bushels to the acre grown as a field crop. Although not legitimately a sugar corn, yet the husks, blades and ear in a green state exactly resemble the sugar varieties, as shown in our photograph alongside, and it sells readily in market as a sweet or sugar corn. It is of much better eating quality than the Adams. When dry the grain is smooth and of a creamy white color. The stalks grow to a height of about five feet and very compact, admitting of close planting; the ears begin to set low down, and are borne three to four to a stalk. Pkt., 10c; pint, 20c; qt., 35c, postpaid; by freight or express, GREEN EAR OF BURLINGTON HYBRID, qt., 25c; peck, 85c; bu-h., \$3.00; 2 bushels, \$5.50.





NEW EXTRA EARLY SWEET CORN METROPOLITAN—SEE DESCRIPTION ON PRECEDING PAGE.

SWEET CORN—Varieties arranged in the order of maturity. Pkts., 10c. each; Ears, 15c. each, postpaid.

	Postpaid.		By Express or Freight.		
	Pint.	Qt.	Qt.	Peck.	Bush.
STANDARD EXTRA EARLY VARIETIES					
Adams' Extra Early. Not sugar corn; small ears for early use . .	\$0 20	\$0 30	\$0 20	\$0 75	\$2 75
Early Cory. (Red cob.) A very early variety, with fair-sized ears,	20	30	20	1 00	3 75
First of All. A selection from Cory; ears medium size; tender . .	20	30	20	90	3 40
Burbank's Early Maine. One of the earliest; large, white ears . .	20	35	25	1 00	3 50
New Earliest Sheffield. Cross of Cory and Adams, very hardy . .	20	35	25	1 00	3 50
White Cory. Resembles ordinary Cory, but white cobs and grain . .	20	30	20	1 00	3 75
New Mammoth White Cory. A selection from above, larger ears . .	20	35	25	1 00	3 75
Minnesota. Nearly as early as Cory; of dwarf growth; ears white,	20	30	20	90	3 40
New Early Champion. Ripens ahead of Crosby's, larger ears . . .	20	35	25	1 00	3 50
Kendel's Early Giant. Large, handsome ears, ready in 70 days . .	20	35	25	1 00	3 50
Crosby's Extra Early. Fair-sized ears; of excellent quality . . .	20	30	20	90	3 40
Bonanza. As early as Crosby's, twice as large; valuable for market,	20	35	25	1 00	3 50
Perry's Hybrid. Very early and of large size; valuable for market,	20	30	20	90	3 40
SECOND EARLY, or INTERMEDIATE VARIETIES					
Potter's Excelsior, or Squantum. Ears large and well filled out . .	20	30	20	1 00	3 50
Stabler's Early. Grains deep, of fine quality; popular for market . .	20	30	20	1 00	3 50
Shaker's Early. Very large, white grain; early and productive . .	20	30	20	1 00	3 50
The Honey. Husks and stalks deep red color; ears cream white . .	20	35	25	1 00	3 50
New Early Evergreen. Ears as large as Stowell's; 10 days earlier,	20	35	25	1 00	3 75
Early Mammoth or Asylum. Much earlier than Late Mammoth . .	20	35	25	1 00	3 75
Early Large Eight-Rowed. (New England Sugar.) Quality fine . .	20	30	20	1 00	3 50
LATE, or GENERAL CROP VARIETIES					
Country Gentleman. One of the sweetest of all. See illustration,	20	35	25	1 15	4 25
Zig-Zag Evergreen. Good-sized ears, deliciously sweet. See cut . .	20	35	25	1 15	4 25
Shoe Peg, or Ne Plus Ultra. Small ears, with very irregular rows . .	25	40	30	1 15	4 25
Stowell's Evergreen. Original stock as introduced by Mr. Stowell,	20	30	20	1 00	3 75
Black Mexican. Black grains, sweet and delicious, fine for home use,	20	35	25	1 00	3 75
Egyptian, or Washington Market. Fine for market, ears large . .	20	35	25	1 00	3 75
Late Mammoth. The largest ears of all, rich, sweet and superior . .	20	35	25	1 00	3 75



THE SWEETEST CORNS IN CULTIVATION—UPPER EAR, COUNTRY GENTLEMAN; LOWER EAR, ZIG-ZAG EVERGREEN.



Pop Corn for the Boys

QUEEN'S GOLDEN POP CORN. This new sort is one of the best of all for popping, owing to its large size, extreme tenderness and pure white color when popped. Ear, 10c.; 4 ears, 25c.; shelled, per pkt., 10c.; pt., 25c.; qt., 45c., postpaid; lb., 15c.; 2 lbs., 25c.; 10 lbs., \$1.00; 25 lbs., \$2.25; 50 lbs. and over, 8c. per lb., by express or freight.

MAPLEDALE PROLIFIC, WHITE RICE and SILVER LACE POP CORN. Well known and popular productive sorts. Each, per ear, 10c.; large packet, shelled, 10c.; pint, 20c.; qt., 40c., postpaid; lb., 15c.; 10 lbs., \$1.00; 25 lbs., \$2.25; 50 lbs. and over, 8c. per lb., by freight or express. **Special prices for larger lots.**

Corn Salad, or Vetticost

One ounce will sow about eighteen square feet, and six pounds will sow one acre.

BROAD LEAVED (LARGE SEEDED). A delicious salad, used during the winter and spring months as a substitute for lettuce, and is also cooked and used like spinach. Sow in spring in drills one foot apart. It will mature in six weeks. For early spring use sow in September and winter over like spinach. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c., postpaid; 5 lbs. and over, 45c. per lb., by express.

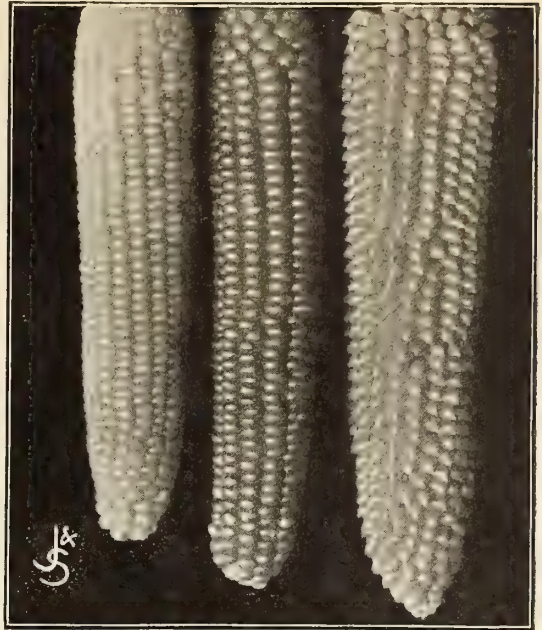
Cress

One ounce will sow about fifteen square feet.

EXTRA CURLED. (*Pepper Grass.*) Fine flavor; will cut several times. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

TRUE WATER CRESS. A well known aquatic plant, with oval leaves, making a delicious and appetizing salad. Pkt., 10c.; oz., 35c.; ¼ lb., \$1.00; lb., \$3.25.

UPLAND CRESS. Perennial, grown same as spinach; flavor resembles water cress. Pkt., 10c.; oz., 30c.



MAPLEDALE PROLIFIC. QUEEN'S GOLDEN. RICE POP CORN.

CUCUMBERS—Seed Crops Very Short

One ounce will plant about fifty hills, two pounds will plant one acre
Large packets, 5c. each. Deduct 10c. per lb. if ordered by Express or Freight

Postpaid, by Mail.

Coy's Early Cyclone. The Earliest White Spine by 3 weeks. Wonderfully prolific, Peerless, or Improved White Spine. A fine strain; very early and handsome
Evergreen White Spine. Retains its deep green color in all stages of growth
Arlington White Spine. The old standard favorite for market and shipping
Improved Arlington White Spine. A marked improvement on the above
New Eskimos. Earliest Russian Cucumber; a week ahead of old Russian
Early Frame or Short Green. For slicing or pickling; productive and early
Westerfield's Chicago Pickle. One of the best pickles; very popular west
Nichol's Medium Green. Thick through; full ends; for slicing or pickling
Green Prolific, or Boston Pickling. Dark green; uniform small size
Improved Long Green. (Jersey Pickle.) Dark green, crisp and productive
Johnson & Stokes' Perfected Jersey Pickle. New and fine
New Cumberland. Very prolific, fine for pickling or slicing. See illustration
Fordhook Pickling. Excellent new sort, but not equal to J. & S. Perfected
Giant of Pera. Grows 1 to 1½ feet long; one of the best for table use
New White Pearl. Small; smooth fruits; the best white cucumber
West India Gherkin, or Burr. Small; prickly fruits; best for small pickles

Per oz.	¼ lb.	Per lb.
\$0 20	\$0 65	\$2 25
20	65	2 25
25	75	2 50
25	75	2 50
25	75	2 75
20	50	1 75
20	50	1 75
20	60	2 00
20	50	1 75
20	65	2 25
20	65	2 25
25	75	2 75
25	75	2 50
20	60	2 00
20	50	1 75
20	50	1 75
20	50	1 75



COY'S EARLY CYCLONE CUCUMBER.



THE CUMBERLAND—A NEW PICKLING CUCUMBER.



Dandelion

IMPROVED LARGE OR THICK LEAVED. A very early and healthful spring salad. Sow early in drills eighteen inches apart. Pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.50.

Egg-Plant

One ounce will produce about one thousand plants.

NEW EARLY BLACK BEAUTY. See Novelties, page 7. Pkt., 15c.; oz., 75c.; $\frac{1}{4}$ lb., \$2.00.

NEW JERSEY IMPROVED LARGE PURPLE SMOOTH STEM. In the great markets of New York and the North the finest egg-plants seen are those produced in New Jersey, whose growers have, by long experience, attained remarkable skill in bringing this plant to the greatest perfection. The New Jersey Improved is a decided improvement on the New York Large Purple in quality, size, and great beauty. The plants are large and vigorous; leaves of a light green shade; fruit early, very large, oval and of a fine deep purple—never red or yellow; flesh white, tender and superior. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

NEW YORK IMPROVED LARGE PURPLE SPINELESS. A standard leading market variety, grown extensively in sections where the New Jersey Improved has not been introduced; large, round, dark fruits; very productive. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

Endive

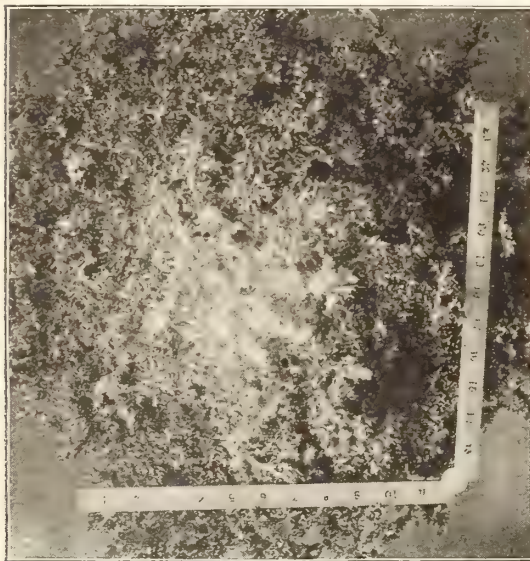
One ounce will sow fifteen feet of drill and will produce about three thousand plants.

MAMMOTH GREEN CURLED. Superior to the old Green Curled. Leaves are very crisp, tufty and full. Mid-rib is pure white, with large white heart, fleshy and tender. Equally suitable for spring, summer or autumn planting. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

GIANT FRINGED OR "OYSTER" ENDIVE. A very handsome variety, largely used in Philadelphia and other Eastern cities to decorate the display of oysters during winter, in restaurants and oyster houses, hence its distinctive name. By tying up the centre, can be easily blanched. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.

EVER WHITE CURLED. A beautiful variety; mid-rib yellow. Leaves almost white, large size, crisp and tender. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.

BROAD-LEAVED (Escarolle). Large and sweet, blanched as salad. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.



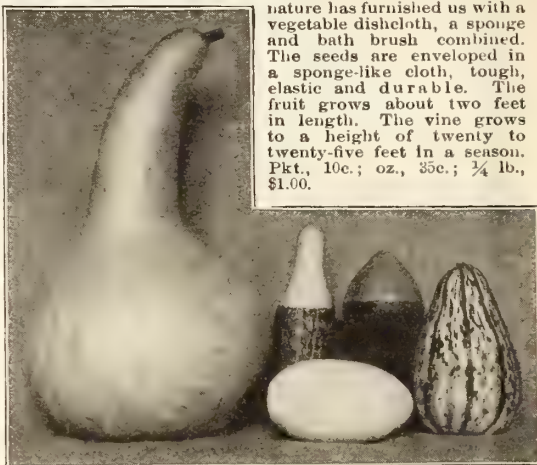
NEW BERLIN GIANT—THE LARGEST AND BEST ENDIVE.

NEW BERLIN GIANT ENDIVE. With market gardeners who tested it the past seasons this new German Endive has proven to be by far the largest in cultivation, even excelling our Mammoth Green Curled, which it resembles in form and leaves, but of greater size. No other Endive compares with the New Berlin Giant in large size and handsome appearance. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Gourds

The most useful for household and farm purposes.

LUFFA, or DISHCLOTH. This remarkable and handsome climber is a native of the East Indies. In its nature has furnished us with a vegetable dishcloth, a sponge and bath brush combined. The seeds are enveloped in a sponge-like cloth, tough, elastic and durable. The fruit grows about two feet in length. The vine grows to a height of twenty to twenty-five feet in a season. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00.



DIPPER GOURD.

NEST-EGG.

ORNAMENTAL.

DIPPER. Named for its resemblance to a dipper. The capacity varies from a pint to a quart, with handles six to twelve inches long. They are convenient for dipping hot liquids, etc. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

JAPANESE NEST EGG. These exactly resemble the eggs of hens, making a capital nest egg; superior to glass eggs, as they do not break and are uninjured by cold or wet. A rapid-growing climber. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.

SUGAR TROUGH. Very useful for baskets, dishes, buckets, etc. They have hard, thick shells, lasting for years, and capable of holding from two to ten gallons each; plant grows rapidly. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

FINE MIXED ORNAMENTAL. A collection of the most ornamental, beautifully colored, mottled and striped, and including all the above. Pkt., 10c.; 3 pkts., 25c.; oz., 40c.

Garlic

The sets should be planted in spring. Cultivate same as onions. Sets, per $\frac{1}{4}$ lb., 15c.; lb., 40c., postpaid; by express, lb., 30c.; 10 lbs. and over, 25c. per lb.

Horse Radish

Horse radish is grown from young roots or sets which should be planted out in the spring. They will form a large-sized radish, fit for use in one season's growth. Roots, per dozen, 20c.; per 100, 75c., postpaid (50c. per 100; \$3.00 per 1,000, by express). Write for special prices in large lots.

Kale—Borecole

One ounce will produce about two thousand plants.

JOHNSON & STOKES' NEW IMPERIAL or LONG STANDING. A beautifully curled and crimped sort. Of strong, vigorous habit, perfectly hardy, bright green color, and very attractive appearance. Superior to all other sorts, and will stand longer without shooting to seed than any other. Height, two feet. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

EXTRA DWARF GREEN CURLED SCOTCH KALE. This is one of the best kales for spring sowing in the North, and is the principal sort grown in the South for Northern markets. It is hardy, and will remain over winter in any place where the temperature does not go below zero. The habit is very dwarf and spreading, and will rarely exceed eighteen inches in height. The leaves are of a bright green color, beautifully curled, and produced in great abundance. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

GREEN CURLED SCOTCH. A favorite with Northern gardeners, growing about two feet in height and harder than the Extra Dwarf Green Curled Scotch, being improved by frost; leaves green and beautifully curled and wrinkled. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

SIBERIAN CURLED. (German Greens.) This variety grows a little larger and coarser than the preceding; the leaves are not so deeply curled and are of a bluish green color; very hardy. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

SEA KALE. Grown for its blanched shoots; cooked like Asparagus. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

We Deliver Free!

To any Post-Office in the United States, all Vegetable and Flower Seeds, at prices quoted by the packet, ounce, pound.

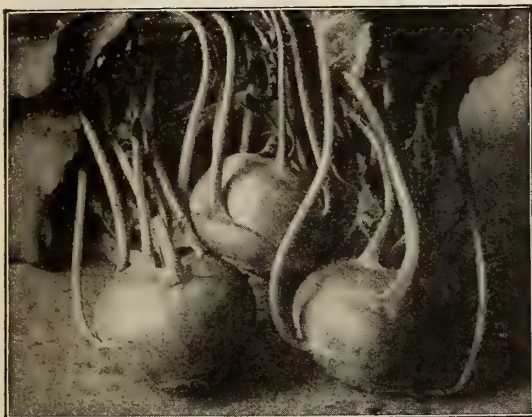


Kohl-Rabi or Turnip-Rooted Cabbage

This is a favorite vegetable in Europe, where it is extensively grown for feeding cattle, as well as for table use. The bulb is formed above ground, and, if used when young and tender, makes a most delicate dish for the table. One ounce will sow one hundred and fifty feet of drill.

EARLY WHITE VIENNA. Small bulb, early. Flesh tender and white. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.15.

EARLY PURPLE VIENNA. A little later; color bluish-purple. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.15.



SMOOTH WHITE SHORT-LEAVED—THE BEST KOHL-RABI.

New Smooth White Short-Leaved

After several years' comparative tests we find this new sort decidedly the best for market and table use, being much superior to Vienna. It is very early and the best for forcing as well as for outside growth. Bulb is greenish white, beautiful smooth shape and of the very finest texture and quality. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

NEW SMOOTH PURPLE. Very Short-Leaved. Like the above, except in color. An extra fine purple. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

Leek

One ounce will sow one hundred feet of drill, and produce about one thousand plants.

NEW GIANT ITALIAN.

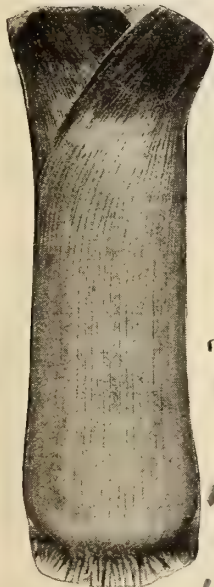
This new leek from Italy is fully twice the size of the ordinary London Leek, and much handsomer in appearance. Like the Italian onions, it is very mild and agreeable in flavor; extremely hardy and a fine keeper. All who have grown it were astonished at its large size and fine white appearance. It is by far the best leek that can be grown either for the market or home use. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

LARGE AMERICAN FLAG.

Previous to our introduction of the Giant Italian, this was the favorite variety. Very fine and large. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.60.

CARENTAN, or SCOTCH CHAMPION. A large variety from Scotland, growing rapidly and very hardy. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.60.

LONDON FLAG. Popular old sort. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.



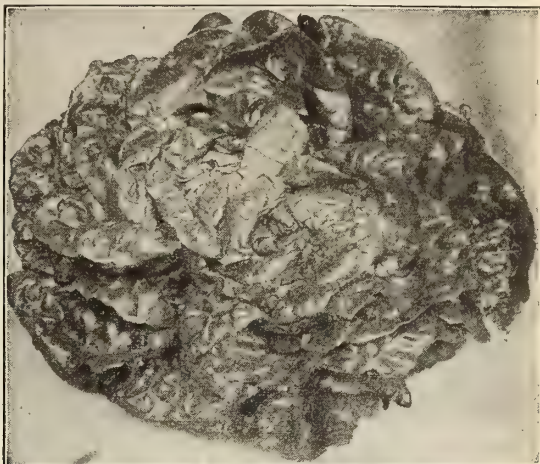
GIANT ITALIAN LEEK.

Lettuce

One ounce will sow about one hundred square feet, and produce three thousand plants.

Two Valuable New Lettuces

COPPERHEAD and MONGOLIAN. See illustrations and descriptions under Novelties, page 8.



JOHNSON & STOKES' SUMMERLEAD—BEST TO STAND HEAT.

Johnson & Stokes' Summerlead

A few years ago we received from one of our customers a small package of lettuce, with the request that we give it a fair test with other summer varieties at Floracrest Trial Grounds. We found it a most distinct new variety, and one of the largest and handsomest head lettuces we have ever grown. We were also astonished at its heat-resisting qualities, as during the unprecedented hot summer it remained longer without shooting to seed than any other on trial. The outside color is a light yellowish green, becoming entirely yellow towards the heart, while its tender and crisp table qualities are perfect. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.



NEW MORSE—THE BEST CURLED LETTUCE, ON A $\frac{7}{8}$ HAT.

New Morse Lettuce

This excellent new curled lettuce might be called an improved Black Seeded Simpson, except from the fact that the seed is white. It grows to large size. The outer leaves are light green, while within they blanch to a beautiful light yellow. It withstands summer heat splendidly, is very early and of delightful flavor, being very crisp and tender. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

25 Cts.' Worth of Seeds EXTRA

Will be allowed on each ONE DOLLAR sent for Seeds in PACKETS and OUNCES. Thus any one sending \$1.00 to us, can select seeds in PACKETS and OUNCES to the value of \$1.25; for \$2.00, seeds in PACKETS and OUNCES to the value of \$2.50, and so on.



✓ New Golden Gate Lettuce

Since our introduction of this grand new summer cabbage lettuce, which we brought from California four years ago, we have received hundreds of letters, coming from all sections, endorsing its wonderful qualities and pronouncing its large, magnificent cream yellow colored heads the finest ever grown. It is the result of over twenty years' careful selection, and will be found not only one of the surest headers, but one that will remain in condition for use longer than others. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.



Mammoth Salamander Lettuce

The Salamander Lettuce, owing to its wonderful quality of withstanding heat and drought, has been one of the most popular sorts. In the New Mammoth Salamander we have a variety which possesses all the desirable qualities of the old Salamander, but grows to double the size. It is the result of many years' careful selection and breeding by a Philadelphia market gardener, whose main crop is lettuce. Owing to its handsome appearance and fine quality, it is the most rapid seller in New York and Philadelphia markets. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

The Cream of the Standard LETTUCES. Large pkts., 5c. each.

By Mail, Postpaid.

If ordered sent by express or freight, deduct 10c. per lb. from prices quoted.

LETTUCE—Cabbage or Heading Varieties.

- ✓ **White-Seeded Tennis Ball, or Boston Market.** A well-known forcing sort,
- ✓ **Arlington Tennis Ball.** Improved strain; saved from plants started under glass,
- ✓ **Johnson & Stokes' Hot House.** Double the size of Tennis Ball; never rots,
- ✓ **Myers' "All Right."** Produces beautiful large solid heads, of finest quality; equally valuable for forcing or open ground planting; few equal, none better,
- ✓ **Reichner's Early White Butter.** Large, solid; fine for forcing or open ground,
- ✓ **Big Boston.** A fine strain for forcing or open ground; very large, solid heads,
- ✓ **Nansen, or North Pole.** (New.) Style of Deacon; ten days earlier
- ✓ **Sensation.** The best and most popular all-year-round Lettuce; forms a solid head before half grown; light yellowish green color, of the finest quality,
- ✓ **Silver Ball.** Head white, solid, firm; splendid for spring and summer use . . .
- ✓ **Improved Yellow-Seeded Butter.** Forms large yellow heads; crisp and tender,
- ✓ **Philadelphia Dutch Speckled Butter.** Fine; large heads of excellent quality,
- ✓ **Hornberger's Dutch Butter.** Improvement on Dutch Butter; private stock,
- ✓ **New Iceberg.** Very solid; large, handsome cabbage lettuce; superior quality,
- ✓ **White Russian Summer.** Very large, handsome heads; fine for open ground,
- ✓ **Champion Spring and Summer.** Large, solid, golden yellow heads
- ✓ **Treasure.** Extra large, solid, creamy yellow heads; slow to shoot; fine for South,
- ✓ **California Cream Butter, or Royal Summer Cabbage.** Fine, solid heads . . .
- ✓ **Salamander.** Fine compact heads, which resist summer heat admirably
- ✓ **Deacon.** A large, solid cabbage lettuce for summer; heads light green
- ✓ **New York (Wonderful).** Large, dark green heads; used only as a summer sort,
- ✓ **Philadelphia Early White Cabbage.** Handsome heads of superior quality . . .
- ✓ **Improved Hanson.** Very large, solid and of fine quality; withstands the hot sun,

LETTUCE—Curled or Loose Leaved Varieties.

- ✓ **Black-Seeded Simpson.** Our improved strain; large, loose heads; light color,
- ✓ **Grand Rapids.** A famous shipping, loose-headed forcing sort; popular West,
- ✓ **Baltimore Oak Leaved.** Very distinct; for summer; resists great heat
- ✓ **Early Prize-Head (Brown Cabbage).** Large, loose heads, tinged with brown . .
- ✓ **Early Curled Silesian.** A leading early curled sort; fine for cutting
- ✓ **New Trianon Cos, or Celery Lettuce.** The finest of all the Cos sorts; leaves when bleached are stiff like celery stalks, and can be eaten in the same manner,
- ✓ **Lettuce—American Varieties Mixed.** Fifteen kinds mixed in one package . .

Per oz.	$\frac{1}{4}$ lb.	Per lb.
\$0 10	\$0 30	\$1 00
20	50	1 75
25	70	2 25
25	70	2 25
15	40	1 40
15	40	1 40
15	35	1 20
25	70	2 25
15	40	1 40
10	30	1 00
15	35	1 20
20	60	2 00
15	35	1 20
15	40	1 40
15	40	1 40
25	70	2 25
15	35	1 20
15	35	1 20
15	35	1 20
10	30	1 00
15	35	1 20
15	40	1 40
15	35	1 20
25	70	2 25
10	30	1 00
10	30	1 00
15	40	1 50
10	30	1 00



Johnson & Stokes' High-Bred Melon Seed

For many years we have been one of the largest growers of both musk or cantaloupe and water-melon seeds in the United States. Many of the leading and most popular varieties on the market to-day were first introduced by us. We supply, every season over our counter, hundreds of New Jersey truck gardeners with our superior strains. We attribute the popularity of our melon seeds to our careful selection of the very finest specimens for our seed stocks, thus breeding up to the highest state of perfection. One ounce of muskmelon seed will plant about seventy hills; three pounds one acre.



ROCKY FORD—THE GREAT COLORADO SHIPPING MELON, CELEBRATED FOR ITS REMARKABLY FINE QUALITY.

ROCKY FORD—The Best Green-Fleshed Muskmelon

In the past few years Colorado has developed into a great melon-growing State. In 1902 over 1,500 carloads of these now celebrated **Rocky Ford** Muskmelons were shipped, reaching almost every large city in the United States, where they were placed on sale as the choicest fruits in the most fashionable markets, always realizing handsome profits, owing to their fine quality and appearance. They are an improvement on and differ from the old "Netted Gem" in being a little more oblong in shape and possessing much better shipping and keeping qualities, and are unquestionably one of the best second early green-fleshed melons in existence. Owing to the growing popularity of this melon, much spurious seed is being offered at low prices, and we warn our customers to beware of such. In addition to selected seed of our own growing, we also offer **thoroughbred seed grown and selected in Colorado**, so that our customers can take their choice. Prices of either: Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00, postpaid; by freight or express, lb., 90c.; 5 lbs. and over, 85c. per lb.

THE NEW NORFOLK BUTTON MUSKMELON

Previous to our introduction of this fine green-fleshed melon, it was monopolized by a few growers at Norfolk, Va., who have been realizing handsome prices on New York and Philadelphia markets, they being the first really good melons to reach these Northern markets. It is distinctive in appearance and differs from other sorts in having a button on the blossom end and comes in ahead of the earliest strains of small "Jenny Lind." The flesh is very thick, leaving but a small seed cavity, and of delicious quality. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.



✓ McCleary's Improved Jenny Lind Muskmelon

The finest and earliest strain of Jenny Lind. Very productive, uniformly good size and well netted. It roughs up better and keeps longer than any other. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.50.

✓ Paul Rose, or Petoskey Muskmelon

A cross of Osage and Netted Gem, and best of the salmon or red-fleshed sorts. Flesh unusually thick, firm and delicious; well netted and fine for market. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

The Best of the Standard Muskmelons or Cantaloupes

One ounce will plant about seventy hills, three pounds will plant one acre.

Deduct 10c. per lb. from these prices if ordered sent by express or freight.

All varieties in regular large-sized packets at 5c. each per packet.

Postpaid, by Mail.

	Per oz.	$\frac{1}{4}$ lb.	Per lb.
✓ Early Jenny Lind. Small; light green flesh; fine for market. 5 lbs., by express, \$3.75.	\$0 10	\$0 30	\$0 90
✓ Grand Rapids. Remarkably early for its large size; salmon flesh; fair quality . . .	10	25	75
✓ Netted Beauty. Very early; productive; densely netted; free from ribs . . .	10	30	90
✓ Norfolk Button. (New.) Very early; thick green flesh; fine for market . . .	20	50	1 75
✓ Extra Early Prize. Small; rounder than Jenny Lind; requires good soil . . .	15	35	1 25
✓ Jersey Belle. Larger than Jenny Lind; green flesh; best for light soils . . .	10	35	1 10
✓ Newport. Shape of Jenny Lind; larger and thicker, but not so early . . .	10	30	1 00
✓ Ivy Gem. Earliest of red-fleshed sorts; large, fine and showy; superior quality	10	30	90
✓ Netted Gem. (Golden Jenny.) Very early; small, round and of fine flavor . .	10	30	1 00
✓ Shipper's Delight. (New.) Early, good size, well netted, thick green flesh . .	20	60	2 00
✓ New Sweet Home. Large, oblong; thick green flesh; of finest flavor . . .	25	75	
✓ New Melrose. Ten days later than Jenny Lind; oval; sweet green flesh . . .	10	35	1 10
✓ Large Hackensack, or Turk's Cap. Large, round, flattened; green flesh . . .	10	30	1 00
✓ New Early Hackensack. Ten days earlier than Hackensack, which it resembles,	10	35	1 20
✓ New Superior. Round; densely netted; light green flesh; of superior quality .	10	25	75
✓ Superb. Very large, late and showy; heavily netted; sweet green flesh . . .	10	25	75
✓ Emerald Gem. Small, early, productive; sweet salmon flesh; smooth skin . . .	15	45	1 60
✓ Lone Star. Large, oblong; finely netted; free from ribs; rich salmon flesh . .	10	35	1 10
✓ Perfected Delmonico. Large, oval; orange pink flesh; of very superior quality,	10	30	90
✓ Chicago Market. Early; good size; deep green flesh; of fair quality . . .	10	30	90
✓ Reedland Giant. Very large, long, showy, green flesh; a Mammoth Bay View,	10	25	75
✓ Green-Fleshed Osage. Very hardy, prolific; globe-shaped; lusciously sweet . .	10	25	75
✓ Red-Fleshed Osage or Miller Cream. Medium size; globe-shaped; very sweet,	10	35	1 20
✓ Beck's Strawberry. Delicious new red-fleshed sort, 6 to 8 lbs. each . . .	10	30	1 00
✓ Giant of Colorado. (New Giant.) Largest of all, sometimes weighing 40 lbs.	10	25	75
✓ Long Island Beauty. The best of the Hackensack type; very early; fine quality,	15	45	1 50
✓ The Princess. Early, round, beautifully netted; one of the best red-fleshed sorts,	15	35	1 25
✓ Cannon Ball. Round; medium size; heavily netted; green flesh; fine shipper,	10	30	1 00
✓ The Banquet. Globe-shaped; densely netted; dark, very rich salmon flesh . .	10	35	1 10
✓ Bay View. Very prolific and of good size; oblong; green flesh; late . . .	10	30	90
✓ Improved Montreal Nutmeg. Large, round, netted; flesh thick and light green,	15	45	1 50
✓ Acme, or Baltimore. Early, oblong, pointed; light green flesh; a fine shipper,	10	35	1 10
✓ Anne Arundel. An improvement on above, growing to double the size . . .	15	45	1 50
✓ Banana. Late; grows 18 to 20 inches long; highly perfumed; fine quality . . .	10	35	1 10
✓ Togodo Spanish Winter, Persian Monarch. The best foreign melons. Pkt., 15c.,	50		
✓ Mango Melon, or "Vegetable Peach." For preserving or pickling . . .	15	35	1 25



Melons—Watermelon

One ounce will plant about fifty hills and four pounds will plant one acre.

Prices are for seeds, postage paid, by mail. By express or freight, DEDUCT 10 CTS. per pound.



SPECIMEN OF PAUL'S BONNY BEST—RIPENED IN 62 DAYS.

✓ Paul's Bonny Best

This new watermelon, seed of which was offered for sale for the first time two years since, is the earliest watermelon in cultivation. It originated with our friend Aaron Paul, the famous New Jersey melon grower and hybridizer. In our trials in past seasons we had good-sized melons, plenty large for market, weighing 15 to 20 lbs. each, on July 10th, from seed planted May 9th, while most other varieties could not be eaten until about August 1st. Seed crop very short. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.



KLECKLEY SWEETS WATERMELON, GROWN BY MR. KLECKLEY.

✓ Kleckley Sweets Watermelon

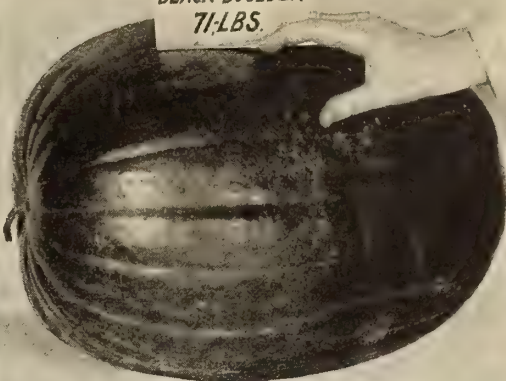
Reports from all sections confirm this new watermelon to be just what the originator, Mr. W. A. Kleckley, of Alabama, claims for it—the best and sweetest-flavored large watermelon in cultivation. The shape is well shown in photograph above, made from a specimen grown by the originator; skin dark green, thin rind, flesh scarlet, very solid, firm and most luscious quality. For the home market or family garden it is decidedly one of the best. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

J^c

JOHNSON & STOKES

BLACK BOULDER

7-1BS.



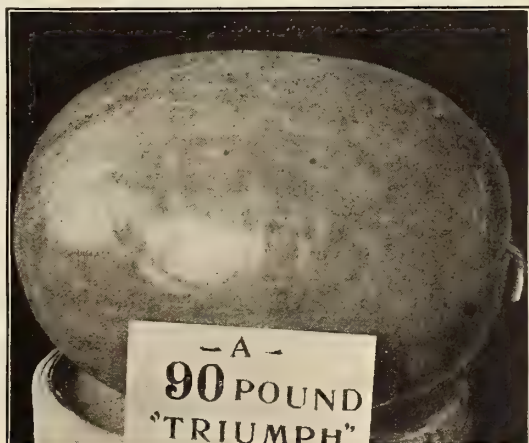
✓ Black Boulder Watermelon

For this grand new and distinct watermelon we are indebted to Aaron Paul, the veteran melon grower of New Jersey. It is enormously productive, reaching a mammoth size, with rich, dark green skin. It cuts equal to any market melon we have ever eaten, and its shipping qualities are phenomenal, no other melon equaling it in tough skin and rind, in this respect even superior to Kolb Gem. While it is fast becoming one of the leading melons for market, it is one of the best "all round" melons in existence, and for the family garden it is also without a peer. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

EXTRA SELECTED STOCK SEED. Saved from picked melons. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

✓ New Triumph Watermelon

This new melon has created quite a furore among Southern shippers on account of the very high prices realized by those who have grown them. **Triumph** is a cross between the **Duke Jones** and **Kolb Gem**, having the handsome dark green color of the former and the fine shipping qualities of the latter, but infinitely superior in flavor and grows much larger than either, having been known to attain a weight of over 100 lbs. The photograph below was made from one taken from our patch, which tipped the scale at 90 lbs. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c., postpaid; by express or freight, lb., 65c.; 5 lbs. and over, 60c. per lb.





Mushroom Spawn



RICHARD'S CELEBRATED ENGLISH MILLTRACK MUSHROOM SPAWN.

RICHARD'S ENGLISH MILLTRACK MUSHROOM SPAWN (freshly imported). This celebrated brand is preferred by all the large mushroom growers of Great Britain, and has given better success in this country than any other brand, on account of its uniform good quality and great productiveness.

Mushrooms can be successfully and profitably grown during the winter and spring months on greenhouse benches among other plants, in frames, under greenhouse benches, as well as in the open fields or in cellars or outhouses. They are the most profitable crop for the outlay that can be grown, the American market being the best in the world for this delicious and healthful food.

Richard's English Milltrack brand (made by the most experienced maker in England) can be thoroughly relied on to produce a good crop of the best mushrooms. One brick will plant eight square feet of bed. Per brick, 1¼ lbs., 15c. (brick, postpaid, 30c.); 10 lbs., \$1.15; 25 lbs., \$2.50; 100 lbs. and over, 8c. per lb., by express or freight. *Leaflet-Essay with directions for cultivation accompanies each order for spawn.*

Mustard

One ounce will sow about seventy-five feet of drill. **SOUTHERN GIANT CURLED.** Highly esteemed in the South, where the seed is sown in the fall, and used in the spring as a salad. Our stock is the true curled leaf, and produces plants two feet high, and of greater breadth, forming enormous bunches. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 70c.

NEW CHINESE. Leaves twice the size of the ordinary White Mustard, crimped like a Savoy cabbage; stems more succulent; flavor pleasantly sweet and pungent. In six weeks from the time of sowing, the leaves are eaten boiled like spinach, and the plants will continue to yield until frost sets in. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

WHITE LONDON. The old sort, used for salads and flavoring. Oz., 5c.; ¼ lb., 15c.; lb., 40c.

BLACK OR BROWN. Oz., 5c.; ¼ lb., 15c.; lb., 40c.

Martynia

MARTYNIA PROBOCIDEA. The best and most productive variety for pickling. Pkt., 10c.; oz., 35c.; ¼ lb., 90c.; lb., \$3.25.

Nasturtium—Indian Grass

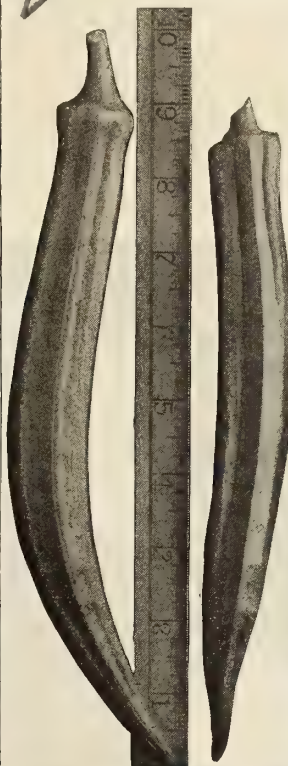
TALL YELLOW. The best for pickling, seed pods or garnishing. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 70c.

DWARF MIXED. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Okra—Gombo

One ounce will plant one hundred hills.

Perkins' Mammoth Long Podded



This distinct new okra is by far the best. It was originated by M. B. Perkins, a well-known New Jersey trucker, after many years of careful study and selection. Its productiveness is simply wonderful. The pods shoot out from the stalk within three inches of the ground, and the whole plant is covered with them to the extreme height of the plant. The pods are an intense green color, of unusual length, eight to nine inches, very slim, and do not get hard, as is the case with other okras. It is also much sought after by canners, being the best of all green sorts for canning for winter use. Our seed is grown by the originator. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c., postpaid; by freight or express, 1 lb., 65c.; 5 lbs. and over, 60c. per lb.

LADY FINGER.

A fine new variety from the South. Very productive, of very long, slender pods of fine round form, white and smooth. If used in its early state of growth, it will be found exceptionally tender and choice. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

DWARF GREEN PROLIFIC, or DENSITY.

A distinct variety, growing about 14 inches in height. Very productive of fine, smooth pods. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

WHITE VELVET.

This distinct and beautiful new okra was originated in Georgia. The pods are very large, perfectly smooth, never prickly, round, not ridged or square, as in other okras. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

PERKINS' MAMMOTH LONG GREEN PODDED OKRA.



Market Gardeners, Farmers'

Clubs and Institutions

wanting to purchase seeds in unusually large quantities should write for special prices. Although we have made prices very low in this catalogue, yet where a number of pounds or bushels are wanted, we can frequently supply at a lower price than by the single pound or bushel. In writing, give us a list of quantities and varieties required, and we will return list promptly with our **LOWEST COST PRICE FOR THE LOT.** Address inquiries, Johnson & Stokes, Philadelphia, Pa.



OUR PEDIGREE



ONION SEED

There is no vegetable in which the quality of the seed exerts a greater influence upon the crop than in onions. Our stock is all grown from choice bulbs, selected by hand, and is unsurpassed in this country. During our whole business career as seedsmen, it has always been our aim to make quality a first consideration, price afterwards, and in no one crop have we met with greater reward for our efforts than in onions, the demand for our seed having increased so rapidly that we have been obliged to largely increase our facilities for growing every year for several years past.

PHILADELPHIA-GROWN SEED, or that raised in the southeastern part of Pennsylvania, is unquestionably **earlier** than New England seed, and still earlier compared with Western seed. This is an important feature, as the early market onions always bring the highest prices. The growth conclusively proves our claim, the Philadelphia seed making bulbs of better quality for keeping or immediate use, either as sets or full-sized onions, long before seed from any other locality. Large, full-sized onions can be grown from our seed the first season in any section of the United States, North or South.

One ounce will sow one hundred feet of drill. To grow large onions from seed, five pounds to the acre; to grow small sets, fifty to sixty pounds to the acre are required. For full information for culture, storage and marketing onions and onion sets, see our **New Leaflet-Essays** on this subject, which will be sent free with all orders for onion seed, when requested.

**PHILADELPHIA YELLOW
GLOBE DANVERS,
JOHNSON & STOKES'
PEDIGREE STOCK.**

**UNIFORMLY LARGE
PERFECT SHAPE,
HEAVIEST CROPPER,
BEST KEEPER.**



Philadelphia Yellow Globe Danvers Onion

Do Not Confound with the Ordinary Yellow Globe Danvers of other Growers

This **improved** variety is pronounced by onion growers, who now grow it in preference to all other onions, the very best strain in cultivation. It is the **earliest** yellow globe variety, **large** in size, **uniformly perfect** in shape and the **largest cropper**, producing from seed 1,000 bushels to the acre with good cultivation. It is also the most reliable for bottoming, and one of the **best keepers** of all American Onions. Prices, new crop, **Pedigree Tested Seed**, grown from selected hand-picked bulbs: Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25, by mail, postpaid; by express or freight, lb., \$1.15; 5-lb. lots for \$5.50; 10 lbs., \$1.05 per lb.; 25 lbs. and over, \$1.00 per lb.



PHILADELPHIA YELLOW DUTCH, OR STRASBURG ONION.

TRUE ROUND YELLOW DANVERS ONION.

✓ Philadelphia Yellow Dutch, or Strasburg Onion

The great set onion—our pedigree Philadelphia-grown seed. The most popular variety for sets, grown so extensively by market gardeners around Philadelphia. The sets of this variety grow round, plump and bright. Full-sized onions are somewhat flattened, as shown in photograph above, flesh pure white, mild flavor and an excellent keeper. Skin bright yellow. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00, postpaid; by express or freight, lb., 90c.; 5 lb. lots, 85c. per lb.; 25 lbs. and over, 80c. per lb.

✓ True Round Yellow Danvers Onion

Our superior stock of this celebrated variety is of fine round shape, as shown in photograph above. It grows to good size, with thin, yellow skin, white flesh, fine grained and excellent quality. It ripens early, keeps well and is very productive. This variety is catalogued by many seedsmen as Yellow Globe Danvers, which is a misnomer. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.10 by mail, postpaid. By express or freight, lb., \$1.00 5 lbs. for \$4.75; 10 lbs. and over, 90c. per lb.; 25 lbs. and over, 85c. per lb.

✓ Philadelphia Extra Early Red Flat Onion

Ten days to two weeks earlier than Large Red Wethersfield; of medium size and deep red color; an abundant producer; of good form and flavor, keeping well. It is well adapted to the cold mucky soils of the North and Northwest, where other varieties fail to produce full-sized onions. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.10, postpaid; by express, lb., \$1.00; 5 lbs., \$4.75; 25 lbs. and over, 90c. per lb.

✓ Early Red Globe Danvers Onion—The Most Profitable Red Onion

This beautiful new onion, first introduced by us, has rapidly grown in favor. It is of handsome globe shape, resembling the Southport Large Red Globe in its rich purplish crimson color, but is ready for market several weeks ahead of that variety. It is unquestionably the earliest American red globe variety, and one of the best keepers. Since our introduction of this valuable onion, a few years since, the demand has become so great, especially in New England, that we have not had enough seed to supply many customers who ordered late in the spring. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50, postpaid; by express, lb., \$1.40; 5 lbs. for \$6.50; 10 lbs. and over, \$1.25 per lb.

✓ Extra Large Red Wethersfield

A magnificent strain, far surpassing the ordinary Red Wethersfield in size, productiveness and keeping qualities. Of the finest form, skin deep purplish red. Immense crops of this onion are grown each season from our seed by some of the largest growers in the United States. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25, by mail, postpaid; by express, lb., \$1.15; 5 lbs. for \$5.50.



MINNESOTA GLOBE RED WETHERSFIELD ONION.

✓ Minnesota Globe Onions

These are new true globe onions of the finest and most select type, so called to distinguish them from all other stocks of red and white globe onions, differing in earliness, productiveness, perfection of shape and long keeping qualities.

✓ Minnesota Globe Wethersfield Red Onion.

See photograph alongside. Per pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

✓ Minnesota White Globe.

Differs only in color. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

Philadelphia Long Keeping Yellow Egg



Three Valuable New Onions

See Illustrations and Descriptions under Novelties, pages 9 and 10.

NEW MODEL EXPORT HARDY ONION. Valuable extra early, of an entirely new and distinct color. Seed, per pkt., 15c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

PHILADELPHIA LONG-KEEPING YELLOW EGG ONION. The best selling winter onion in Philadelphia markets. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

NEW EXTRA EARLY AUSTRALIAN YELLOW GLOBE ONION. A fine deep globe strain of the celebrated Australian Brown Onion. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

Mammoth Yellow Prize-Taker Onion

Prize-Taker is the very large beautiful onion that is seen every fall on sale at the fruit stores and stands in the large cities. The outside skin is of a rich yellow straw color, while the flesh is white, sweet, mild and tender. They bottom well, are free from stiff necks and produce enormously. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.40, postpaid; by express or freight, lb., \$1.30; 5 lbs. for \$6.25; 10 lbs. and over, \$1.20 per lb.

A Select List of other Standard American ONIONS

Large packets, 5c. each, except where noted. If ordered sent by express or freight, deduct 10c. per lb. In 5-lb. lots and over, 15c. per lb. may be deducted.

- Australian Brown.** New long keeper; early, flat; fine quality; distinct color
- Southport Large Yellow Globe.** Popular in New England; very deep globe
- Michigan Yellow Globe.** True Globe; rich orange; suitable for muck lands
- Golden Ball.** Very deep globe; skin rich golden yellow; fine keeper; superior
- Rhode Island Yellow Cracker.** Earliest yellow onion; flat shape; great keeper
- Southport Large Red Globe.** Matures late; a splendid keeper; of fine quality
- American Extra Early Pearl.** Earliest of all white onions; very large; pkt., 10c.
- New White Prize Winner.** Counterpart of the celebrated Mammoth Yellow Prize-Taker, differing only in handsome, silvery-white skin; pkt., 10c.
- Southport Large White Globe.** Very large, solid and handsome; deep globe
- Philadelphia White Silver Skin, or Portugal.** Best white onion for sets
- Ivory Ball.** Perfectly round, pure white skin and flesh; best of keepers; pkt., 10c.
- Hard Round Silver Skin.** The best for pickling; uniform, small, round bulbs
- White Bunch.** Very early; one of the best for bunching in a green state

THE BEST FOREIGN ONIONS

- Giant Rocca.** Very large globe Italian; reddish brown skin
- Red Bermuda.** Very early; genuine Teneriffe seed; freshly imported
- White Bermuda.** Freshly imported from Island of Teneriffe
- Giant White Italian Tripoli.** (El Paso, or Large Mexican.) Very large, mild
- White Queen.** Very early; grows rapidly; mild; remarkable keeper
- White Adriatic Barletta.** Neatest and smallest; valuable for pickling
- Mammoth Silver King.** Handsome flat onion; reaching enormous size

CHOICE PHILADELPHIA GROWN ONION SETS

"Philadelphia-grown onion sets" are everywhere recognized as the best. Experienced gardeners insist upon having them, and enormous quantities are supplied annually to dealers and growers in all parts of the country. We grow each season large quantities from our Philadelphia seed, which, being earlier, makes beautiful, small, round sets of better quality than that grown in any other section.

YELLOW CRACKER ONION SETS

Experiments at Floracraft have abundantly proven that Yellow Cracker, being the earliest yellow onion, can be depended on to produce large, well-matured onions in advance of Strasburg, Danvers or any other yellow onion. Choice sets, per qt., 30c. (qt., postpaid, 40c.); peck, \$1.75.

AUSTRALIAN BROWN ONION SETS. This new onion makes a beautiful round set, which keeps until late in the spring. Per qt., 30c.; qt., postpaid, 40c.; peck, \$1.75.

By Mail, Postpaid.

Per oz.	$\frac{1}{4}$ lb.	Per lb.
\$0 10	\$0 30	\$1 00
15	40	1 25
15	40	1 25
20	65	2 25
15	40	1 40
15	40	1 40
25	70	2 40
30	75	2 75
20	60	2 00
20	60	2 00
30	75	2 75
20	55	1 90
20	55	1 90
15	40	1 40
20	65	2 25
30	75	2 75
15	40	1 40
20	60	2 00
20	60	2 00
20	60	2 00

Prices on the following onion sets vary with the market from 75c. to \$1.00 per peck, and from \$2.50 to \$3.50 per bushel. We are always glad to quote special prices by letter for pecks, bushels or barrels.

PHILADELPHIA YELLOW DUTCH, or STRASBURG ONION SETS, per qt., 15c.; qt., postpaid, 25c.

PHILADELPHIA YELLOW DANVERS ONION SETS, per qt., 15c.; qt., by mail, postpaid, 25c.

PHILADELPHIA EXTRA EARLY RED ONION SETS, per qt., 25c.; qt., by mail, postpaid, 35c.

PHILADELPHIA WHITE, or SILVER SKIN ONION SETS, per qt., 25c.; qt., postpaid, 35c.

POTATO ONION SETS. A valuable early crop. The small bulbs increase in size. Qt., 25c.; qt., postpaid, 35c.

NEW WHITE MULTIPLIER ONION SETS. These are of a pure silvery-white color; their most important quality is extreme earliness. Qt., 25c.; qt., postpaid, 35c.



Parsley

One ounce will sow one hundred and forty feet of drill.
If ordered by express, deduct ten cents per pound.



A SINGLE PLANT OF MARKET GARDENERS' BEST PARSLEY.

✓MARKET GARDENERS' BEST PARSLEY

The best points yet obtained in parsley have certainly been reached in this sort. The plant is of a very robust and free growth, and is greatly improved by severe cutting. The leaves are large and beautifully curled and of a very dark green. It stands heat, drought and cold better, and will yield double that of any other sort. The whole appearance of the plant is very handsome, and it certainly is "the parsley for either the market or family garden." Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.20, postpaid; if by express or freight, lb., \$1.10, or 5 lbs. for \$5.00.

✓**CHAMPION MOSS CURLED.** Extra Dark Green. Leaves crimped and curled, giving a most beautiful decorative appearance. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

✓**EMERALD, or DWARF EXTRA CURLED.** Leaves tender, beautifully crimped; handsome, bright green color; very ornamental. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

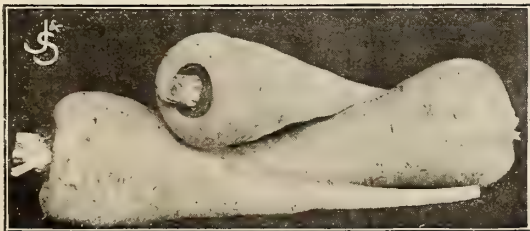
✓**EXTRA DOUBLE CURLED.** An old curled variety for garnishing. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

✓**PLAIN or SINGLE.** Pkt., 5c.; oz., 10c.; lb., 50c.

✓**HAMBURG, TURNIP-ROOTED.** Fleshy vegetable roots, for soups, etc. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Parsnip

One ounce will sow about two hundred feet of drill; 5 lbs. will sow one acre.



NEW IDEAL HOLLOW CROWN PARSNIP.

✓New Ideal Hollow Crown

A greatly improved and wonderfully fine strain of true **Hollow Crown Parsnip.** The roots do not grow as long as the old Hollow Crown variety, are of larger diameter and more easily gathered. It is a very heavy cropper. The roots are very smooth, flesh fine grained and of excellent quality. The best variety for the market or home garden. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c., postpaid; by express, lb., 65c.; 5 lbs. and over, 60c. per lb.

✓**LARGE SUGAR, or LONG SMOOTH HOLLOW CROWN.** Well-known old standard sort. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Peppers

One ounce will sow one hundred yards of row.



RUBY KING.

NEW CHINESE GIANT.

✓NEW RED PEPPER—CHINESE GIANT

This new pepper has created quite a furore among truckers who grow for market, outselling all other sorts. It grows to double the size of Ruby King, as shown in our photograph above, and is earlier in ripening. Plants vigorous, stocky and productive. Flesh very thick, mild and sweet. The best red pepper in cultivation. Pkt., 10c.; 3 pkts. for 25c.; oz., 75c.; 4 ozs. for \$2.50.

✓**RUBY KING.** Grows to double the size of Bull Nose. The fruits are five to six inches long by about three and one-half inches through. They are bright red, remarkably mild and pleasant in flavor, having no fiery taste. Single plants ripen from eight to ten fruits. The most popular red pepper. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 70c.; lb., \$2.25.

✓**MAMMOTH GOLDEN QUEEN.** Originated on our own grounds, where we first found a single plant growing in a large field of Ruby King some years ago. They grow from fifteen to twenty perfect fruits on a plant, from eight to ten inches long and four to five inches through. Color, bright golden yellow, and so mild they can be eaten like tomatoes. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 80c.; lb., \$3.00.

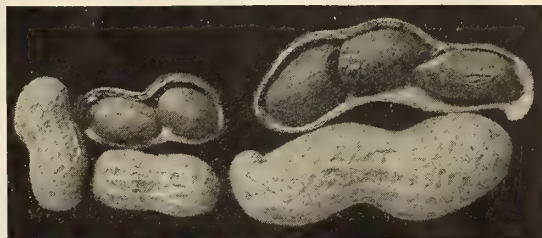
Well-Known Peppers

Large Packets, 10 cents each

	Oz.	$\frac{1}{4}$ lb.	lb.
✓Bell, or Bull Nose. Large, mild,	\$0 20	\$0 60	\$2 00
✓Long Red Cayenne. True, hot,	25	70	2 25
✓True Red Chili. Very hot,	25	75	2 50
✓Elephant's Trunk. Large, red,	25	75	2 50
✓Tabasco. Small, very hot,	40	1 00	3 75
✓Cherry Red. Small, for pickles,	25	75	2 50

Peanut, or Ground Pea

Full directions for planting, growing and harvesting
Peanuts printed on each packet.



SPANISH PEANUT.

GEORGIA IMPROVED PEANUT.

SPANISH PEANUT. Valuable for the Northern States on account of its great earliness. It is smaller than the ordinary peanut, and can be planted closer in the row. Large pkt., 10c.; pint, 25c.; qt., 45c., postpaid; peck, \$1.75.

GEORGIA IMPROVED GROUND PEA, or PEANUT. This variety is much superior to the ordinary peanut, yielding fewer imperfect pods and combining earliness, productiveness and size; yields, on ordinary land, over one hundred bushels to the acre. Large pkt., 15c.; pint, 30c.; qt., 50c., postpaid; qt., 35c.; peck, \$2.00, by express or freight.



THE BEST NORTHERN GROWN SEED PEAS

One quart will plant one hundred feet of drill. One and one-half to two bushels will plant one acre.



JOHNSON & STOKES' NEW RECORD EXTRA EARLY PEA

Every claim made by us, from the records of our Trial Grounds, in first offering this new pea three years since, has been fully substantiated by hundreds of market gardeners who planted it. It would take half the number of pages of this book to publish all the testimonials thus far received.

Briefly stated, its important advantages are:

It is three to five days earlier than any other, with stockier and more vigorous vines.

The most uniform in ripening. A single picking will generally secure the entire crop.

The heaviest cropper, and contains one to two more peas per pod than any other extra early smooth white or blue pea in cultivation.

Height of vine, 1½ to 2 feet. Prices for 1903: Large pkt., 10c.; pint, 30c.; qt., 50c., postpaid. If by freight or express, qt., 35c.; peck, \$1.75; bush., \$6 50.

PEAS—Northern Grown Extra Early Varieties.

Each of the following, 10c. per large packet, postpaid.

We furnish ½ pecks at peck rates, ½ bushels at bushel rates.

Those marked with a (*) are wrinkled varieties.

Johnson & Stokes' Extra Early. The popular fine standard, **Cleveland's Alaska.** The very earliest and best blue pea . .

First and Best. Very early; popular for market and shipping,

Philadelphia Extra Early, Dan O'Rourke, Hancock. Each,

***Gradus or Prosperity.** Magnificent new, large podded sort,

***Gregory's Surprise.** (Eclipse.) Earliest wrinkled variety,

***Nott's Excelsior.** An improvement on American Wonder,

***Nott's Perfection.** New; cross of Excelsior and Premium

Gem; harder than either; larger pods, more productive,

***American Wonder.** Well known and very popular . . .

***McLean's Little Gem.** Very prolific; a garden favorite . .

***Extra Early Premium Gem.** Long, well filled, prolific pods,

Tom Thumb. An old, smooth, white sort; very dwarf . . .

PEAS—SECOND EARLY AND MEDIUM

***Johnson & Stokes' Second Early Market Garden.** Best and surest cropper; produces more pods than any other,

The Admiral. Fine quality; one of the best for canning . .

***McLean Advancer.** Fine standard sort; of excellent quality,

***Abundance.** Long, round, well-filled pods; very prolific . .

***Horsford's Market Garden.** Style of Advancer; very prolific,

***Heroine.** Large, full pods; productive; quality perfect . .

Improved Fillbasket. Excellent; one of the best for market,

***Sutton's Satisfaction.** Showy pods; borne double; delicious,

***Crown Prince.** Vigorous grower; large pods; delicious quality,

Height in Feet.	By Mail, Postpaid.		By Express or Freight.		
	Pint.	Qt.	Qt.	Peck.	Bush.
2	\$0 25	\$0 40	\$0 25	\$1 50	\$5 50
2	25	40	25	1 35	5 00
2½	25	40	25	1 35	5 00
2½	25	40	25	1 35	5 00
2½	40	75	60	3 50	
1½	25	45	30	1 65	6 25
1	30	50	35	2 00	7 00
1½	30	50	35	2 25	8 00
1½	30	50	35	2 00	7 00
1	25	45	30	1 75	6 50
1½	25	45	30	1 75	6 75
1½	25	45	30	1 50	5 75
2	25	45	30	1 60	6 00
3	25	40	25	1 10	4 00
2½	25	40	25	1 25	4 75
1½	25	40	25	1 25	4 75
2	25	40	25	1 35	5 00
2½	25	40	25	1 25	4 75
3½	25	45	30	1 50	5 50
2½	25	45	30	1 50	5 50
1½	25	45	30	1 50	5 50



A Grand New English Pea THE MARKET MASTER

The Best Pea for Medium and Late Use

After testing for two seasons on our Trial Grounds this fine new Pea from England, we were absolutely certain of its decided merit in introducing it among our customers two years since, and believe we have the honor of being the first American seedsmen to bring this valuable novelty to this side of the Atlantic. The vine is very hardy, growing vigorously to a height of about two feet, unusually prolific. Handsome pods growing uniformly to larger size than any medium early or late pea we have ever seen, and filled with eight to nine and sometimes ten very large, delicious peas of the richest marrow flavor.

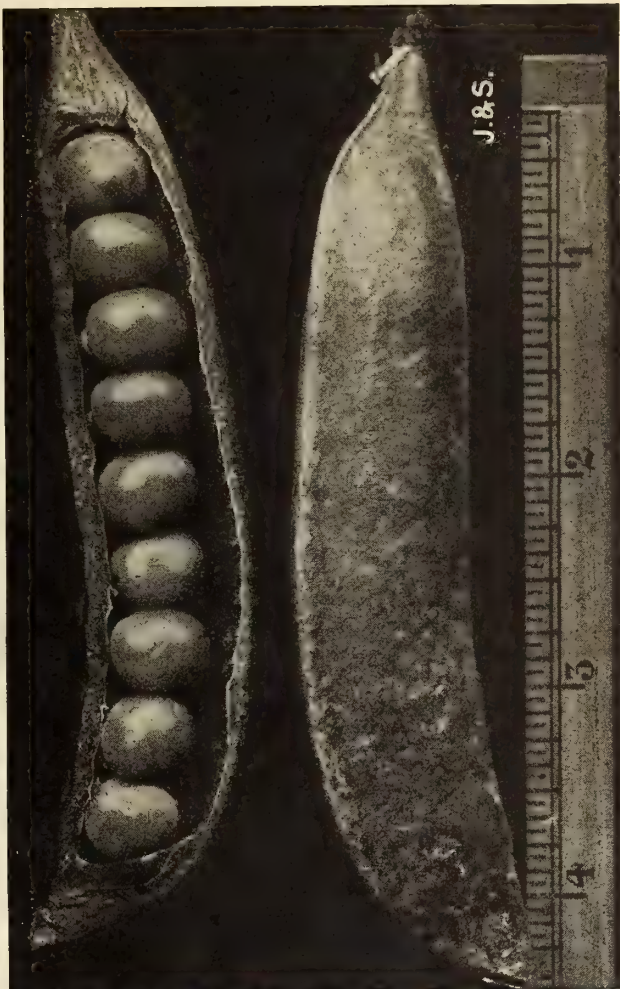
We have received many letters from market gardeners who have planted it the past two seasons and are sorry we have not room to publish them. One writes: "I am sure Market Master is the best pea the world has ever seen;" another says: "The Market Master created a furore in our market;" still another writes: "Market Master is a marvel in productiveness, melting in the mouth for sweetness."

Prices: pkt., 10c.; pint, 30c.; qt., 55c., postpaid. By express or freight, qt., 40c.; 2 qts., 75c.; peck, \$2.25; bush., \$8.50.

CARTER'S DAISY, or DWARF TELEPHONE PEA

This excellent new wrinkled Pea is a cross of Stratagem on Telephone, giving all the excellent qualities of the Telephone without its tall vines. Vines grow only about 16 inches high, very stocky, vigorous and productive, the plants bearing from 5 to 7 pods. The pods are about 5 inches long and well filled with 9 to 10 large, delicious, pale green peas. Pkt., 10c.; pint, 30c.; qt., 50c., postpaid. If by freight or express, qt., 35c.; peck, \$2.00; bush., \$7.00.

New Extra Early Large Podded Pea, THOMAS LAXTON. See Novelties, page 11.



PODS, NATURAL SIZE, OF THE MARKET MASTER PEAS.

PEAS—Late or Main Crop Varieties

Each variety in large packets at 10c. each, postpaid

We sell $\frac{1}{2}$ pecks at peck rates, $\frac{1}{2}$ bushels at bushel rates. Those marked with a (*) are wrinkled varieties.

	Height in Feet.	By Mail, Postpaid.		By Express or Freight.		
		Pint.	Qt.	Qt.	Peck.	Bush.
*Duke of Albany. (American Champion.) Immense pods . .	4	\$0 25	\$0 45	\$0 30	\$1 60	\$6 00
*Improved Stratagem. More uniform than old Stratagem; larger pods; filled out better in ends of pod; first quality,	2	25	45	30	1 60	6 00
*Sharp's Queen. Very large, handsome pods; delicious peas,	2 $\frac{1}{2}$	25	40	25	1 25	4 75
Long Island Mammoth or Telegraph. Large pods and peas,	3 $\frac{1}{2}$	25	40	25	1 35	5 00
*Telephone. Enormous pods and peas of first quality; prolific,	4 $\frac{1}{2}$	25	40	25	1 60	6 00
Pride of the Market. Our greatly improved uniform strain .	1 $\frac{1}{2}$	25	40	25	1 35	5 00
*Champion of England. Well-known standard variety . . .	5	25	40	25	1 10	4 00
*Bliss' Everbearing. Peculiar branching vine; peas large .	2	25	40	25	1 35	5 00
*Yorkshire Hero. A spreading variety; very productive	3	25	40	25	1 25	4 50
Blue Imperial. A productive market garden Summer favorite,	2 $\frac{1}{2}$	25	40	25	1 00	3 50
French Canner. Does not blacken under processing	4	20	35	20	85	3 00
New Giant Podded Marrow. Hardest large podded pea .	2	30	50	35	2 00	7 00
Improved Sugar Marrow. Long pods; true marrow flavor .	3 $\frac{1}{2}$	25	40	25	1 10	4 00
Royal Dwarf White Marrowfat. A favorite for market . .	2 $\frac{1}{2}$	20	35	20	85	3 00
Black-Eyed Marrowfat. Very hardy and prolific; poor quality,	3	15	30	15	75	2 75
Canada Field. Grown with oats for fodder, also for pigeons .	5	15	25	10	50	1 75
*Dwarf Sugar. Extra fine; pods used same as Snap Beans .	1 $\frac{1}{2}$	25	45	30	1 75	6 75
Tall Melting Sugar. One of the best; large, broad pods	5	30	50	35	2 00	
New Mammoth Podded Prolific Sugar. Largest and best of the edible podded sorts; broad, fleshy, tender pods . .	3	50	90	75	5 00	

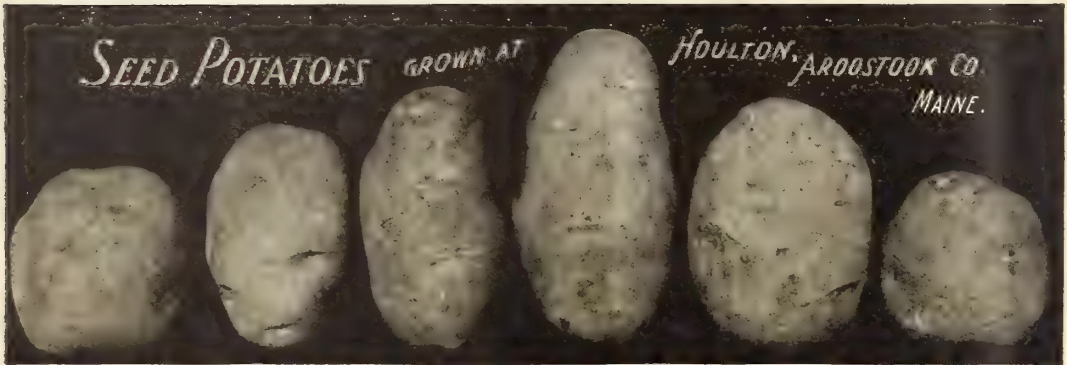


SELECTED SEED POTATOES GROWN AT HOULTON, AROOSTOOK CO., ME.

These are universally acknowledged to be the very best. Grown in the cold Northeast, where nature and the elements alike decline existence to all but the very hardiest varieties. We make a **specialty** of and handle this seed solely. **Pure and true to name.** We pack all our potatoes in the full size barrel, which is packed solid full and double headed. Special prices by letter on lots of 5 barrels and over.

PLEASE NOTICE

As prices are subject to market fluctuation, we would request that our customers send in their orders as soon as possible. All orders will be promptly acknowledged and potatoes forwarded as soon as weather permits, in time for spring planting. Customers residing South can have them shipped at any time during the winter with little or no risk, but those residing North or West had better wait until the extreme freezing weather is over, in March or April.



PRIDE OF SOUTH. BOVEE. PENN MANOR. THOROUGHbred. TABLE KING. BLISS' TRIUMPH.

POTATOES—Seed grown at Houlton, Aroostook County, Maine. We will furnish in barrel sacks at 15 cents per barrel less than prices here quoted. Prices quoted are subject to market fluctuations.

	Peck.	Bush.	Bbl.
True Houlton, Maine, Early Rose. Pure and genuine, very fine and early	\$0 60	\$1 75	\$3 75
Early Beauty of Hebron. Popular early sort, of excellent quality; productive,	60	1 75	3 75
Early Thoroughbred. Earlier than Rose; more productive; light pink	60	1 75	4 00
Bovee. Earlier than Early Ohio; very prolific; fine marketable size; mealy .	65	2 00	4 25
Crown Jewel. Very early; fine and productive; pink, { These three varieties are	65	2 00	4 25
Bliss' Triumph, or Stray Beauty. Early, round, red, { the most popular of all	60	1 75	4 00
Pride of South, or White Bliss. Early, round, white, { with Southern truckers. }	60	1 75	4 00
Junior Pride. Extra early; sport of the above, surpassing it in yield and vigor	65	2 00	4 50
Irish Cobbler. New; round, chunky, 80-day sort; popular for home market .	65	2 00	4 50
Penn Manor. Very early and productive; light pinkish skin; fine quality . .	65	2 00	4 50
Early Ohio. Popular first early; does well on upland soil; round and smooth .	65	2 00	4 25
Rural New Yorker, No. 2. Fine for main crop; large, white, smooth, prolific .	60	1 75	3 75
Table King. Productive and fine for main crop; extra fine in quality; white .	65	2 00	4 50
State of Maine. Heavy cropping, late oval variety; white skin and flesh . .	60	1 75	3 75
Carman, No. 1. Fine medium or intermediate; very large shallow eyes; white	60	1 75	4 00
White Star. Sure cropping late sort; large, smooth, white skin and flesh . .	60	1 75	4 00
Green Mountain. Shape oval; white skin; big cropper and splendid cooker	60	1 75	4 00

New Potato—CRINE'S LIGHTNING

A very valuable and distinct new extra early sort, and though the vines and potatoes grow the entire season the tubers cook well at any size. In quality they are equal to the Carman No. 1, which is all that could be desired, while in productiveness it outyielded largely Carman No. 1 and all other medium and late sorts we had on trial. Its most distinctive feature is its color, which may be described as a distinct russet, quite unlike that of any other potato. Its form is well shown in our photograph alongside. Prices for 1903: Peck, \$1.00; bush., \$3.00; barrel, \$6.00.

POTATOES BY MAIL

All varieties of potatoes can be sent by mail, postage prepaid, at 30c. per pound; 4 pounds for \$1.00, correctly labelled and packed to reach the purchaser in good condition.

WHITE POTATO SEED. MIXED.

From the best hybridizers. Per pkt., 25c.



CRINE'S LIGHTNING POTATO.



SEED SWEET POTATOES

We make a specialty of Seed Sweet Potatoes, growing our stock exclusively in New Jersey, about nine miles from our Philadelphia warehouse, where we have unequalled facilities for handling and storing. New Jersey grown sweet potatoes are everywhere acknowledged to be the best in quality, being much drier and sweeter than those grown in the South and West, while their keeping and shipping qualities are away ahead. We pack for shipment in boxes and barrels, with greatest care; but as they are very susceptible to climatic changes, we cannot hold ourselves responsible for their condition after long journeys of several hundred miles, and wish it distinctly understood that customers take **ALL RISKS** after we deliver in good condition to the express or railroad company here. We do not ship until about planting time unless specially ordered to do so. Our barrels contain three bushels—good measure. Full and concise directions for bedding and sprouting the seed, setting out and cultivating sweet potato plants, also harvesting and storing for winter, will be found in our new Leaflet—**Essays on Sweet Potato Culture**, which we will send free with all orders when requested to do so.



Photograph of Section of Field Grown by the Originator for us, of the NEW VINELAND BUSH SWEET POTATO.

Vineland Bush Sweet Potato

The **New Vineland Bush Sweet Potato** is bound to revolutionize sweet potato culture. It originated on the farm of John Maytrott, the extensive sweet potato grower of New Jersey, from the well-known Early Nansemond and old Vineland Sweet Potato. It is a perfect bush, with no inclination for spinning, resembling a bean bush very closely. The tubers grow directly under the stalk. They are most abundant bearers, good flavor, handsome rich yellow color and excellent keepers. Customers who have tried them say: "They are simply perfection and a great improvement over all other vineless potatoes heretofore sold."

OF INTEREST TO DAIRYMEN. Mr. Maytrott writes: "From 2,000 plants I had in one patch I harvested 86 baskets of prime potatoes, 35 seconds and 27 culls, making a total of 148½ bushel baskets. I then had the tops, which average 3 pounds each, which made 6,000 pounds of green forage, which was eaten with great relish by my cows. The milk was rich and had a sweet, pleasant flavor. All other stock except horses thrive on it. By planting in rows, 30 inches wide and 15 inches apart, one acre will contain about 14,000 plants. With proper care you will have a fine crop of potatoes and about **Twenty-one Tons of Green Forage.**"

Prices: per lb., 40c.; 3 lbs., \$1.00, by mail, postage paid; peck, \$1.50; bushel, \$5.00, by express. **Plants of the New Vineland Bush Sweet Potato**, ready after May 1st: 50 for 60c.; 100 for \$1.00, by mail, postage paid; 75c. per 100; \$5.00 per 1,000, by express. 500 plants at 1,000 rates.

EXTRA EARLY CAROLINA JERSEY "UP-RIVERS" AND EARLY NANSEMOND. The justly celebrated Philadelphia sweet potatoes, universally grown for market. Each, per peck, 80c.; bush., \$2.50; bbl., \$4.50.

We will make special prices by letter for larger quantities—write us before you buy.

Plants of the above, ready May 1st, 60c. per 100, by mail, postpaid; by express, 40c. per 100; \$2.50 per 1,000.

PUMPKINS



Our field of King of the Mammoths growing for seed, showing their wonderful productiveness. See next page.

One pound will plant two hundred to two hundred and fifty hills; four to six pounds are required to plant one acre.

SMALL EARLY SUGAR. A very handsome little pumpkin, with deep orange-colored skin, and flesh of unusually fine sugary flavor—fine grained, very productive and keeps well. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

NANTUCKET SUGAR, or NEGRO. This pumpkin is comparatively unknown outside of a few of the far Eastern States, where it is used exclusively in making the celebrated **Yankee Pumpkin Pies**. The skin is very dark green, almost black, flesh thick and of a rich orange yellow. They weigh from twelve to fifteen pounds and will keep for a year. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

CASHAW, or CROOKNECK. Most popular; splendid for table or feeding stock; skin and flesh light cream color, solid and sweet. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

JONATHAN, or LARGE WHITE CASHAW. This new pumpkin grows larger than the old Cashaw, with creamy white skin. It is a good keeper, very prolific, smooth, even and thick-fleshed; very sweet and fine for pies or feeding stock. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

GREEN STRIPED CASHAW. This is a great improvement on the old white Cashaw, being a distinct mottled green and white striped. The flesh is a rich yellow color, solid, fine grained, very thick, sweet and excellent for pies, and equally good for baking. They are very hardy, bugs seldom bother them, and yield a much heavier crop than most other sorts. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

MAMMOTH GOLDEN CASHAW. This variety differs from the white or cream-colored Cashaw in the outside skin being of a rich golden orange color, and grows to a much larger size. In its early stages it is dark green, ripening to a warm rich yellow. The flesh is also much thicker, sweeter and finer grained, and of a deep rich yellow color. For making pies it is superior, while for stock feeding and keeping it has no equal. Pkt., 5c.; oz., 10c.

GOLDEN MARROW. A splendid pie pumpkin. Shape, round oblong, slightly ribbed; skin is of a deep orange color; the flesh fine and of excellent flavor. Cook soft and tender, and are excellent keepers. The vines are very productive and hardy. Pkt., 5c.; oz., 10c.



LARGE CHERSE, OR KENTUCKY FIELD PUMPKIN.

LARGE SWEET CHERSE, or KENTUCKY FIELD. A most popular variety. Fruit flattened, as shown in above photograph; skin mottled light green and yellow, changing to rich cream color as it matures. Flesh yellow, thick, tender, very nutritious and of excellent quality; a most productive variety. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

COMMON YELLOW FIELD. Productive; grown for seedling stock. Pkt., 5c.; oz., 10c.; lb., 40c.; 10 lbs., \$2.50.



Field of BIG TOM PUMPKINS. Over 20 tons to the acre.

✓ Big Tom Field Pumpkin

This new pumpkin is the result of many years' selection from the old Golden Marrow or Michigan Mammoth Pumpkin. So carefully has the selection been made that the Big Toms will run uniformly to more than twice the size and weight. Their fine shape and size are well shown in our photograph above. The skin and flesh are of a deep, rich orange color, of excellent flavor for pies, etc., cooking soft and tender. For table use and stock feeding no more profitable or better variety can be grown. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

✓ New Winter Luxury Pumpkin

This pumpkin, named and introduced by us eight years since, is the result of six years' careful selection and improvement by a veteran pumpkin grower, and is pronounced by hundreds of our customers the very best pumpkin for pies that they have ever known. It grows round, as shown in illustration below, and uniformly to a diameter of ten to twelve inches, and is enormously productive. Color a beautiful golden yellow, very closely netted, like a netted muskmelon. As a winter keeper and cooking variety it stands unequalled. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.



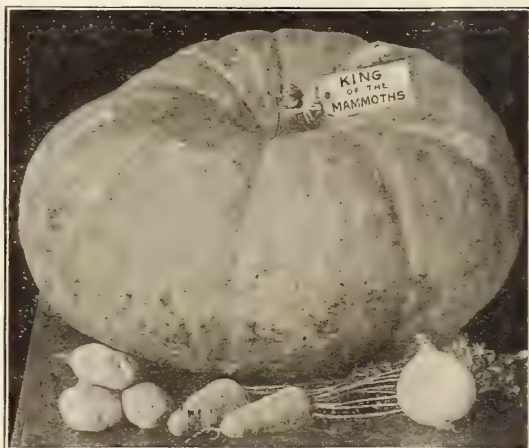
✓ **JAPANESE PIE PUMPKIN.** This variety from Japan has proven a valuable addition. The flesh is very thick, of a rich salmon color, and nearly solid, the seed cavity being very small. Unusually fine grained, dry and sweet, having much the same taste and appearance as sweet potatoes when cooked. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

✓ **CALHOUN.** This new pumpkin has been thoroughly tested in all sections of the country, and is pronounced by many one of the best for pies. Shape nearly round, somewhat flattened on the ends; skin creamy brown; flesh inside of a deep salmon yellow, very thick, fine grained and of most excellent quality. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

✓ **QUAKER PIE.** A distinct variety from New York State, where it has been grown for many years by a family of Quakers. The shape is nearly oval, tapering slightly towards the ends. Color creamy white both inside and out; flesh sweet and rich. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 90c.

✓ **TRUE TENNESSEE SWEET POTATO.** One of the very best pie pumpkins. They grow pear-shaped, to good size, slightly ribbed; skin is a creamy white, flesh very thick, creamy white, dry and fine grained, keeping well until late in the spring. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

✓ **GOLDEN OBLONG.** A very fine, new and productive variety, growing oblong to a length of sixteen to eighteen inches, and seven to eight inches in diameter. The outside skin is dark green when young, changing to a deep golden color as it ripens. Flesh rich yellow, very sweet, dry and excellent for pies. Pkt., 5c.; oz., 10c.;



KING OF THE MAMMOTHS PUMPKIN. Photographed with Potatoes, Carrots and Onion for comparison as to size.

King of the Mammoths Pumpkin

This great prize pumpkin first came to our attention some years ago, while visiting France, where we secured seed and distributed it among our customers. The results have been astonishing. No other pumpkin ever introduced has reached such enormous weights, and been awarded as many prizes. Hundreds of our customers have raised specimens weighing over one hundred and fifty pounds each, the heaviest ever grown being two hundred and forty pounds. It frequently attains a diameter of over four feet. The flesh and skin are golden yellow, and notwithstanding its enormous size, it makes a good table pumpkin.

✓ **PRICES FOR 1903.** Seeds saved from specimens selected from our patch weighing one hundred pounds and over. Pkt., 15c.; 4 pkts., 50c. Seeds saved from the general crop, all good, large, uniform specimens. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.

✓ **MAMMOTH ETAMPES BRIGHT RED.** This giant variety from France is quite celebrated, and has been grown in this country to enormous size. It is of a bright glossy red color, a splendid variety to grow for exhibition purposes. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

✓ **GRAY BOULOGNE.** Grows to very large, round size, flattened on the ends; skin of a grayish green color; growing to a weight of sixty to seventy-five pounds with ordinary culture. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

✓ **MAMMOTH TOURS, or CITROUILLE.** A French variety, which is used largely for cattle feeding; it grows to an immense size, often weighing over one hundred pounds. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 85c.

A Special Collection of Mammoth Pumpkins for 25 Cents

As an extra inducement for customers to give our Mammoth varieties a trial, we will send, free by mail, one packet each, King of Mammoths, Mammoth Bright Red Etampes, Gray Boulogne, Mammoth Tours, and Big Tom, giving a magnificent collection of 5 Mammoth varieties for only 25 cents.



THE BEST RADISHES

One ounce of radish seed will sow one hundred feet of drill; nine pounds will sow one acre in drills.

Deduct 10c. per lb. from prices quoted, which are postpaid, when ordered sent by freight or express.

Scarlet, or Cardinal Globe Radish

For forcing in greenhouse hot-beds, or cold-frames, and for sowing on open borders early in the spring, there are no other red varieties better than this and Johnson & Stokes' New Olive Scarlet Radish, described below. On account of its very attractive color and shape, it sells better than most other sorts. It is one of the earliest; in flavor it is mild, crisp, juicy and tender. It forms a small top and will stand a great amount of heat without becoming pithy. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 70c.



JOHNSON & STOKES' OLIVE SCARLET FORCING RADISH.

Johnson & Stokes' Olive Scarlet Radish

A decided improvement on the ordinary deep scarlet olive-shaped radish, selected and perfected by a Philadelphia market grower. The tops are so small that the radishes may almost stand touching each other in the rows. Its fine shape, as shown in photograph above, is not its only superior quality, but it is the handsomest in color of all deep red sorts, selling better in market than other olive-shaped sorts. It is also the best early red radish for the home garden, being unusually crisp and tender. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25., postpaid; 5 lbs. for \$5.00, by express.

THE COMET—A New French Radish

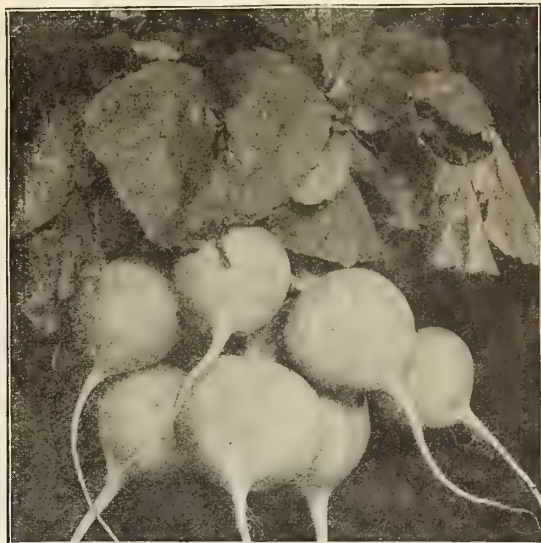
NOVELTY OF 1901

We distributed free for trial among our customers in 1900 over 5,000 packets of this superior new, early, long white radish, and have received hundreds of letters unqualifiedly endorsing it as by far the earliest, handsomest and best in quality of any of its class. In our own trials it has never failed to give good edible radishes in twenty days from sowing, and has remained in fine condition for use longer than any other extra early variety. We offer choice seed grown for us by the originator in France. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 80c.; lb., \$1.00.

New Triumph Radish

A Valuable and Distinct Novelty in Forcing Radishes

The roots are about the same size and shape as Rosy Gem, but are creamy-white, beautifully marked with spots and dashes of carmine. The tops are small and it matures about as early as any variety in cultivation. Desirable on account of its distinct beauty, earliness and good quality. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.



FELTON'S MODEL WHITE BOX RADISH.

Felton's Model White Box Radish

Felton's Model possesses all the excellent qualities of the old Philadelphia White Box, but is superior in being much handsomer and earlier, with fewer and shorter leaves; hence it can be sown more thickly in the row, enabling the grower to raise at least one-third more radishes in the same space under glass, in boxes or open ground. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c., postpaid; 5 lbs., \$3.75, by express.

New White Chartier Radish

This variety, originated in New Jersey, is a white form of the well-known Chartier or Shepherd Radish. It matures in about six weeks from sowing, and remains fit for use three weeks afterward. Tops short, flesh mild, crisp and fine for slicing. Our seed is grown for us by the originator. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c., postpaid; 5 lbs., \$2.25.





- No. 1. Earliest Round Dark Red Radish.
 " 2. Fireball Forcing Radish.
 " 3. Startle, or 20-Day Forcing.
 " 4. New White Rocket Radish.
 " 5. French Breakfast Radish.
 " 6. Scarlet Olive-Shaped Radish.
 " 7. Rosy Gem, or Rapid Forcing.
 " 8. Long Brightest Scarlet, White Tip.
 " 9. Early Long Scarlet, or Salmon.
 " 10. Lady Finger, or White Vienna.
 " 11. Philadelphia Gardeners' Long Scarlet.
 " 12. Chartier, or Shepherd Radish.

White Strasburg Summer Radish

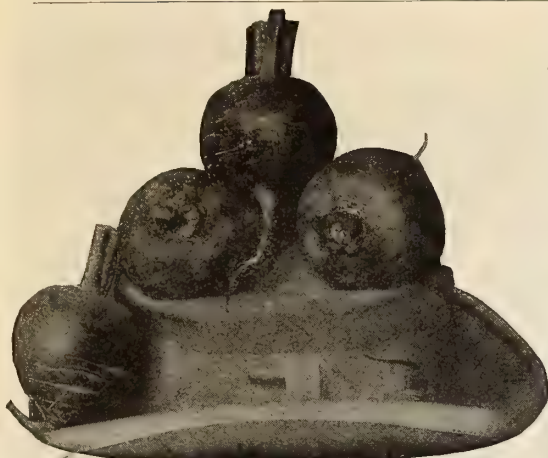
This variety is now the most popular summer radish. Both skin and flesh are pure white, almost transparent, and of a delightful pungent taste. It can be pulled five weeks from time of sowing, yet it will continue to grow without losing its fine quality, and remains tender longer than any other summer sort. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c., postpaid; by express, lb., 65c.; 5 lbs., \$3.00.

Popular Early and Summer RADISHES

Large Packets of any variety, 5 cents each. If ordered sent by freight or express, 10c. per lb. should be deducted from these prices.

- ✓ **Extra Early Scarlet Turnip.** Very early, small, round (5 lbs., by express, \$2.50),
 ✓ **Earliest Round Dark Red.** (Scarlet Button.) Very fine and early; cut No. 1 . .
 ✓ **Fireball.** (Non Plus Ultra.) One of the finest round, red forcing varieties; No. 2,
 ✓ **Startle, or Twenty-Day Forcing.** (Red Rocket.) Earliest half-long red; No. 3,
 ✓ **Scarlet Turnip White Tipped.** Popular (5 lbs. and over, by express, 45c. per lb.),
 ✓ **Rosy Gem or Rapid Forcing.** Resembles above in color; a week earlier; No. 7,
 ✓ **White Rocket.** (New.) Earliest half-long white; cut, illustration No. 4 . . .
 ✓ **Double Quick White Forcing.** (New.) Very early; handsome long white . .
 ✓ **Early White Turnip.** Both skin and flesh pure white (5 lbs., \$2.25, by express),
 ✓ **French Breakfast.** Olive-shaped; red, tipped with white; very handsome; No. 5,
 ✓ **Scarlet Olive-Shaped.** Quite early and handsome; of fine quality; cut No 6,
 ✓ **Early White Olive-Shaped.** White flesh and skin; crisp and mild flavor . . .
 ✓ **Olive-shaped Golden Yellow.** (Surprise.) Earliest yellow; fine for early or summer,
 ✓ **Newcom.** Earliest, best and largest half-long white (5 lbs., \$3.00, by express) . .
 ✓ **Half-Long Deep Scarlet, or Paris Beauty.** A great favorite; bright, crisp flesh,
 ✓ **Early Long Scarlet, or Salmon.** Old sort; cut No. 9 (5 lbs., \$2.25, by express),
 ✓ **Philadelphia Gardeners' Long Scarlet.** A great improvement on Long Scarlet;
 earlier, shorter top; better shape and color; fine keeper; No. 11 (5 lbs., \$3.00),
 ✓ **Cincinnati Market.** New, long scarlet type; straight, smooth, very small top .
 ✓ **Long Brightest Scarlet, White Tipped.** (Long Cardinal.) New French sort; No. 8,
 ✓ **Wood's Early Frame.** Similar to the Long Scarlet; better for forcing (5 lbs., \$2.25),
 ✓ **Chartier, or Shepherd.** Large, long summer radish; scarlet; white tip; No. 12,
 ✓ **Lady Finger, or Long White Vienna.** One of the best; cut No. 10 (5 lbs., \$2.25),
 ✓ **Large White Summer Turnip, or Globe.** Very popular (5 lbs., \$2.50, by express),
 ✓ **Improved Large Yellow Summer Turnip.** Improved shape, fine (5 lbs., \$2.25),

Per oz.	$\frac{1}{4}$ lb.	Per lb.
\$0 10	\$0 20	\$0 65
10	20	65
10	25	75
10	30	90
10	20	60
10	25	80
10	30	90
10	30	90
10	20	60
10	20	65
10	20	65
10	20	65
10	25	70
10	25	75
10	25	70
10	20	60
10	25	75
10	25	75
10	20	60
10	20	60
10	20	65
10	20	60



New Round Scarlet China Radish

This new variety of the China Radish is an all seasons red radish; may be sown at intervals from spring until autumn. Matures in from six to seven weeks, and is much harder than most other varieties. Valuable as a winter radish, as well as for summer. Its handsome round shape, rich scarlet color, and pure white flesh commend it to all. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

New Celestial, or White Chinese

An all seasons white radish. Seed should not be sown until summer, June or July, and is ready for use when three inches long, and continues until ten inches long, by four inches in diameter. It also makes one of the best winter radishes from seed sown in August. Flesh firm, solid, crisp, pure white. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

WINTER RADISHES

Improved Half-Long Black Spanish

Intermediate in shape between the Round and Long Black Spanish, and is much superior to either. Flesh mild, very crisp and sweet, never pithy, and is decidedly the best of black radishes. If stored in damp sand in the cellar they will keep all winter. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.

CHINA ROSE WINTER. One of the best winter varieties, bright rose-colored; flesh white, firm and of superior quality. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

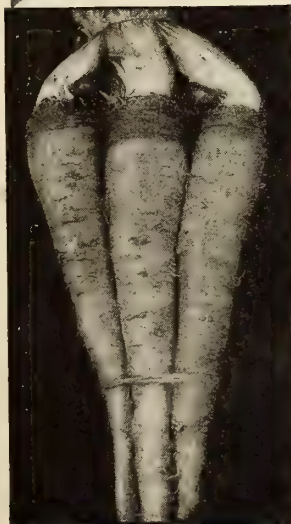
OSAKA. A new variety from Japan, growing to mammoth size, of beautiful half-long shape, with pure white skin and flesh. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.

CALIFORNIA MAMMOTH WHITE. The largest grown. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

LARGE WHITE SPANISH WINTER. Roots very large and fine. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

ROUND BLACK SPANISH. Very popular with Germans, known as *Rettig*. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

LONG BLACK SPANISH. One of the hardiest, keeping until spring. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.



SALSIFY, or OYSTER PLANT

One ounce will sow about sixty feet of drill.

Salsify is a most nutritious and delicious vegetable, and is one of the crops that should be more generally cultivated on the farm for winter use and sale, as it can be grown just as cheaply as carrots, parsnips, etc.

MAMMOTH SANDWICH ISLAND. Grows fully double the size of the old Long White. The root is pure white, much heavier and thicker throughout, and notwithstanding their enormous size, are much superior in quality. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.20.

LONG WHITE. The old sort. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

SANDWICH ISLAND SALSIFY.

Rhubarb (Pie Plant)

One ounce will produce about one thousand plants.

LARGE VICTORIA. An excellent cooking variety. Seed, per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.40.

RHUBARB ROOTS. EARLY STRAWBERRY and VICTORIA. Each, per large root, 15c.; doz., \$1.00; 100, \$4.50, by express; by mail, postpaid, 25c. each; \$2.00 per doz.

Spinach

One ounce will sow one hundred feet of drill. Twelve pounds will sow one acre.

Our prices are for Seeds, postage paid by mail. If by express or freight, deduct TEN CENTS per pound.

New Early Giant Thick-Leaved

This new English Spinach, seed of which we offered for sale two years ago for the first time in America, has gained wonderful popularity with the market gardeners of London since its origin there a few years ago. In our trials it has proven the earliest and quickest growing of all, extremely hardy, productive, large and handsome. We offer seed grown by the originator in England. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c. (by express, 5 lbs. and over, 45c. per lb.).



PLANTS OF PARISIAN LONG STANDING—SHOWING FROM THE ROOT ITS WONDERFUL STRONG, HEAVY GROWTH.

New Spinach—Parisian Long Standing

This New French Spinach surpasses our famous **Enkhuizen Long Standing** in its broad and heavy dark green leaves, which have the true Savoy appearance. It will stand fully two weeks longer than any other variety without running to seed, making it by far the most valuable for spring planting. For wintering over it has proven harder than the famous **American Savoy or Bloomsdale**, coming out from under the snow with its dark green leaves in prime condition. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c., postpaid; by express or freight, lb., 50c.; 10 lbs. and over, 45c. per lb.

NEW VICTORIA. Leaves very dark green, almost black, very thick and spread out flat upon the ground. It is a long standing variety, but not very hardy. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 35c., postpaid; by express or freight, lb., 25c.; 10 lbs. and over, 20c. per lb.

ENKHUIZEN LONG-STANDING. Leaves are round, large, thick and of dark green color. Our stock is grown in Holland especially for us. Superior to ordinary Long-Standing generally offered. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 35c., postpaid; 10 lbs. and over, 20c. per lb., by express.

AMERICAN ROUND-SEEDED SAVOY, or BLOOMSDALE. Our celebrated Philadelphia stock. Popular for fall sowing. The leaves are large, thick, finely curled, heavy, produced in great numbers, and stand handling better than most other sorts. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 35c., postpaid; by express or freight, per lb., 25c.; 10 lbs. and over, 20c. per lb.

IMPROVED THICK-LEAVED, or VIROFLAY. Very hardy, and most popular in New York markets. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 35c.; 10 lbs. and over, 20c. per lb.

NEW ZEALAND SPINACH. (*Tetragonia Expansa*.) Supplies the place of ordinary spinach during hot weather; succeeds everywhere. Sow in May where the plants are to stand. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.



BOSTON MARROW SQUASH.

LONG GREEN SUMMER CROOKNECK.
WHITE PINEAPPLE.

ESSEX HYBRID, OR WARREN.

SQUASHES

A List of Varieties Worth Growing. The Best Summer Squashes.

One ounce will plant twenty to forty hills. Four to six pounds will plant one acre.

Large packets of any of the following varieties, 5c. each.

If ordered sent by express or freight, deduct 10c. per lb. from prices quoted.

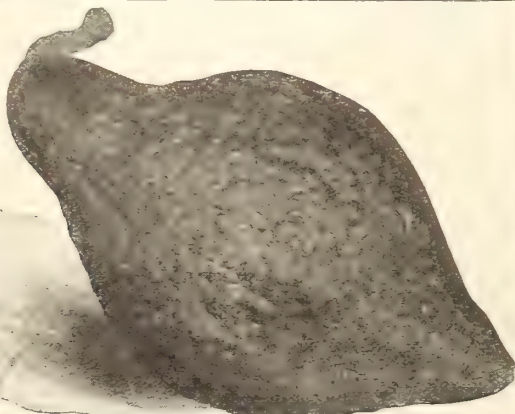
- ✓ **White Bush Scallop.** The well-known white Patty Pan (5 lbs., \$2.50, by express),
- ✓ **Mammoth White Bush (Silver Custard).** Grows to twice the size of above . . .
- ✓ **New Extra Early Jersey White Bush.** See Novelties, page 10 . . .
- ✓ **Early Golden, or Yellow Bush.** Differs from White Bush only in orange color,
- ✓ **Golden Custard.** (New.) Very large Golden Yellow Bush; fine for market . .
- ✓ **Golden Summer Crookneck.** Small yellow crookneck; early and prolific . . .
- ✓ **Long Green Summer Crookneck.** Best frying squash; superior to egg plant,
- ✓ **New Giant or Mammoth Summer Crookneck.** Large and fine for market . .
- ✓ **White Pineapple.** Peculiar shape, white skin, great keeper, very prolific; see cut,

Fall and Winter Squashes

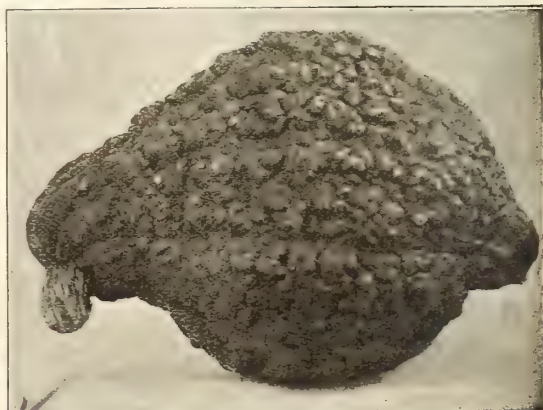
- ✓ **Boston Marrow.** Bright orange; popular for autumn use; see cut above . . .
- ✓ **Early Prolific Orange Marrow.** Earlier than Boston Marrow; very productive,
- ✓ **Hubbard.** The old favorite popular winter squash; dark green skin; rich flesh,
- ✓ **New Red Hubbard.** (See illustration below.) A perfect type of its parent . .
- ✓ **Chicago Warty Hubbard.** Improvement on old Hubbard; see cut below . .
- ✓ **White Chestnut.** Sweet, yellow flesh; dry as a boiled chestnut; prolific . . .
- ✓ **Faxon.** A most productive winter squash; one of the best of keepers . . .
- ✓ **Fordhook.** Early, sweet and dry; also a good summer variety; form oblong . .
- ✓ **Essex Hybrid, or Warren.** Popular in New England; orange color; see cut . .
- ✓ **Mammoth Chili.** The Jumbo of all squashes, often weighing 200 pounds . .
- ✓ **Mammoth Whale.** Three feet long, weighs over 100 pounds; fine yellow flesh .

By Mail, Postpaid.

Per oz.	¼ lb.	Per lb.
\$0 10	\$0 20	\$0 65
10	25	75
20	50	1 50
10	25	75
10	25	75
10	25	75
10	30	90
10	25	75
10	20	65
10	25	80
10	25	85
10	30	1 00
15	40	1 25
10	30	1 00
10	20	65
10	20	65
15	40	1 25
10	30	1 00
25	75	
25	75	



NEW RED HUBBARD SQUASH—A LONG-LOOKED-FOR VARIETY, EXCELLING IN PRODUCTIVENESS AND FINE QUALITY.



NEW CHICAGO WARTED HUBBARD SQUASH—SIMILAR TO OLD HUBBARD IN SIZE AND QUALITY—MUCH HANDSOMER.



TOMATO SEEDS FROM SELECTED FRUIT

For years we have made a careful study of growing the very best tomato seed. All tomatoes showing the slightest variation from the standard type are rigidly discarded, thus securing the purest possible seed.

One ounce will produce about thirteen hundred plants.

SPARKS' EARLIANA

The earliest large tomato in the world. See description and testimonials under Novelties, pages 12 and 13. Pkt., 20c.; oz., \$1.00.

THE EARLY BIRD TOMATO

With the exception of Sparks' Earliana, this is the earliest tomato. Notwithstanding its small to medium size, many have written us they have found it a most profitable variety to grow. Very smooth, with pink skin. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.



ATLANTIC PRIZE TOMATOES, AS THEY APPEAR FOR SALE ON FRUIT STANDS, ETC., DURING THE SPRING MONTHS.

ATLANTIC PRIZE TOMATO

First introduced by us in 1889. Thousands of acres are now annually planted from Maine to Texas. The vines grow strong, stiff and very rapidly, setting the crown fruit when very young. Each vine produces from sixty to eighty large, perfect tomatoes. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

THE QUICKSURE TOMATO

A very valuable, new, early, large tomato. Originated by Mr. Howard Russ, a well-known trucker of Burlington County, N. J. Color bright red; very solid, heavy and wonderfully prolific of very large, fine fruit. It is a good one, and no tomato grower should fail to plant it. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

QUARTER CENTURY TOMATO

Originated by Dr. Van Fleet, horticultural editor of the *Rural New Yorker*. It might be called an Improved Dwarf Aristocrat, its erect bushy vines and fine red fruits closely resembling that variety. It will surely prove a valuable acquisition. Pkt., 10c.; oz., 45c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.

THE GREAT B. B. (BRINTON'S BEST)

The vines grow vigorously and produce abundantly until killed by frost. Fruit of deep red color, uniformly even large size and perfectly smooth. It will keep in good marketable condition for two weeks after picking. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

LIVINGSTON'S HONOR BRIGHT

In growth the fruit is at first light green, then an attractive waxy white, then lemon, changing to rich, bright red when ripe. The tomatoes are remarkable for their long-keeping qualities. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.



STONE TOMATO, MOST POPULAR WITH TRUCKERS AND CANNERS.

NEW STONE TOMATO

This is deservedly the most popular main crop tomato for market and canning, owing to its large size and great solidity. When grown from properly selected seed the fruits are very uniform, smooth and of handsome bright scarlet color. Flesh meaty and fine in flavor. Our strain is unsurpassed. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75, postpaid; by express or freight, lb., \$1.65; 5 lbs. and over, \$1.60 per lb.

THE SUCCESS TOMATO

A grand new scarlet-fruited tomato of large size, handsome, smooth and of very fine quality. Fruit sets in clusters, and ripens second early. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

LIVINGSTON'S MAGNUS TOMATO

An improvement on the old Acme and Beauty, which it resembles in color, being thicker, heavier and more solid than either. Fruit in clusters, ripening evenly and maturing quickly. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

TRUCKERS' FAVORITE TOMATO

A very large purple tomato, of superior quality; very solid and free from cracks or rot. Very popular in Northern New Jersey. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

THE ENORMOUS TOMATO

Fruits uniformly large, four to five inches across and very deep through. Borne two and three in a cluster; smooth, solid and brilliant scarlet. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

NEW TOMATO—FRENCH MARVEL

This new very early tomato was originated by Messrs. Vilmorin, Andrieux & Co., the largest seed growers of France, and from whom we imported our original seed stock. In growing it on our New Jersey farm we found it unlike most foreign tomatoes, particularly adapted to the American climate, its magnificent, large, red, smooth fruits being superior in both quality and appearance to most American sorts. Fine for market. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.



NEW FRENCH MARVEL TOMATO.



THE FIRST CRATE OF EARLY TOMATOES TO REACH PHILADELPHIA MARKETS FROM THE SOUTH IN THE SPRING OF 1902.
SEE DESCRIPTION AND TESTIMONIALS UNDER NOVELTIES, PAGES 12 AND 13. SEED, PER PKT., 20c.; OZ., \$1.00; $\frac{1}{4}$ LB., \$3.50.

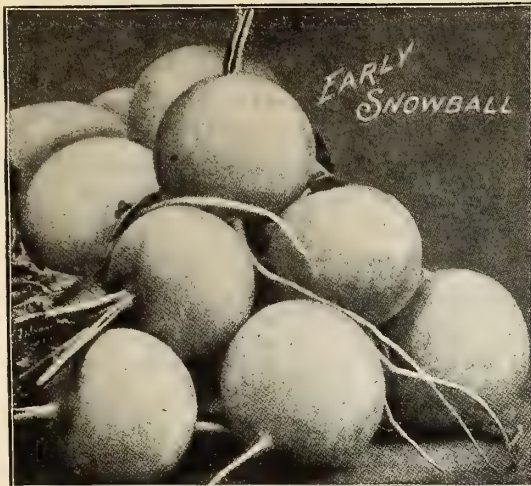
Select List of Standard TOMATOES—SEED OF OUR OWN GROWING

Deduct 10c. per lb. from these prices if ordered sent by express or freight.

In regular size large packets, each, 5c. per packet, except where noted.

By Mail, Postpaid.

	Per oz.	$\frac{1}{4}$ lb.	Per lb.
Extra Early Advance. One of the earliest; small, smooth, bright red and solid,	\$0 15	\$0 45	\$1 50
Early Paragon. Bright red; productive; standard for market and canning . . .	20	50	1 75
Early Michigan, or Red Apple. Very early; medium size; red, smooth . . .	15	45	1 50
Livingston's Perfection. Early; large size; very productive; fine blood red . .	20	50	1 75
Livingston's Favorite. Large, smooth, productive; a good shipper and canner,	20	50	1 75
Livingston's Beauty. Large, smooth, purplish pink; thick flesh; regular form,	20	60	2 00
New Stone. Very large; perfectly smooth; bright scarlet; solid; best for canning,			
and most popular of all as a main crop tomato for market . . .	20	50	1 75
New Freedom. Extra early; medium size; round, bright scarlet; pkt., 10c. . .	25	75	2 50
New Imperial. First early, large, smooth, solid; pinkish purple when ripe; pkt., 10c.,	25	70	2 25
Buckeye State. Very large, solid, meaty; deep purple; heavy cropper; pkt., 10c.,	25	70	2 25
Livingston's Royal Red. Skin and flesh intense bright red; fine for main crop,	20	50	1 75
Lorillard. Best for greenhouse forcing; bright glossy red; very smooth and solid,	20	60	2 00
Liberty Bell. Extra early; large size; red; fine quality; splendid for market .	15	45	1 50
Dwarf Aristocrat. Erect, strong vine; large red fruits of finest quality. Pkt., 10c.,	30	85	3 00
Thorburn Long-Keeper. Bright red; early; productive; a great keeper . . .	15	45	1 50
Brandywine. Finest late; large, solid, smooth, bright red; prolific; pkt., 10c. .	25	75	2 75
Matchless. Extra large, smooth and handsome; bright red; solid; pkt., 10c. .	25	75	2 75
Ponderosa. The largest variety in cultivation; a monster; pkt., 10c.	40	1 00	3 75
Crimson Cushion. An improvement on Ponderosa; more solid; pkt., 10c. . . .	40	1 25	
Ignotum. One of the earliest of large, deep red, smooth varieties; productive .	20	50	1 75
Dwarf Champion. Early; fruit resembles Acme; foliage upright; pkt., 10c. . .	30	85	3 00
Early Market Champion. Very early; large; purple; productive; pkt., 10c. . .	25	75	2 50
The Moneymaker. First early, purple; of handsome form; fine quality; pkt., 10c.,	30	85	3 00
Autocrat. An improved Acme; larger, much more productive; pkt., 10c. . . .	25	75	2 50
New Fortune. Second early; large red fruit of superior quality; pkt., 10c. . . .	30	85	3 00
Chemin Market. Apple shaped, very smooth; bright scarlet; solid; fine flavor,	20	50	1 75
Cumberland Red. Very large; tough skin; popular with canners; pkt., 10c. . .	30	75	2 75
Early Acme. Bright pink; smooth, round, uniform size; productive and popular,	20	50	1 75
Mikado, or Turner Hybrid. Very large; solid; purplish red; potato leaf; pkt., 10c.,	30	75	2 75
Trophy. Very solid; large; late sort; improved smooth strain; pkt., 10c. . . .	25	70	2 25
Yellow Plum. Plum shape; bright yellow; used for pickles; pkt., 10c.	25	75	2 50
Clusterosa Yellow Egg. A great improvement on all other small yellow toma-			
atoes. The best for preserving or pickling; wonderfully productive; pkt., 10c.,	50		
Peach. Resembling peaches in shape and color; for preserves and pickles . . .	15	45	1 50
Red Cherry. An inch in diameter; borne in clusters; for pickles; pkt., 10c. . .	25	75	2 50
Strawberry, or Winter Cherry. (Husk Tomato.) Small, yellow fruit; pkt., 10c.,	25	75	2 50



EARLY SNOWBALL—THE EARLIEST ROUND WHITE TURNIP.



NEW MAMMOTH PURPLE-TOP GLOBE TURNIP.

TURNIPS AND RUTA-BAGAS, OR SWEDES

One ounce will sow one hundred and fifty feet of drill; one to one and one-half pounds will sow an acre.

Deduct 10c. per lb. from these prices if ordered sent by express; 15c. per lb. may be deducted for 5-lb. lots, by express. **Large packets of any variety, 5c.**

Early Snowball. Very handsome; extra early, pure white, tender and sweet.
Purple-Top Flat. (Strap-leaved.) Well-known standard popular early sort . . .
Early White Flat Dutch. Very popular for spring sowing; fine for market . . .
Early Red-Top White Globe. Early, productive and popular for market . . .
Mammoth Purple-Top Globe. An improvement on Red-Top White Globe,
Purple-Top Milan. (True.) The earliest flat turnip; a very shy seeder . . .
Extra Early White Milan. Same as the Purple-Top Milan, except white skin . . .
Early White Egg. Very handsome; pure white; excellent for early or late . . .
Improved Sweet German. Flesh white, hard and firm; sow early . . .
Pomeranian Large White Globe. Useful for both table and stock; very large,
Long Cow Horn, or White French. Very heavy cropper; best for stockmen . . .
Golden Ball, or Orange Jelly. Small; very early; fine quality and flavor . . .
Yellow, or Amber Globe. Vigorous grower; fine keeper; popular for market,
Yellow Aberdeen, Globe-Shaped. Very large; fine for table or cattle . . .
Budlong, or Breadstone. Very early half-long white; fine table sort . . .
Rhode Island White Rock. (New.) Early, productive and very handsome . . .
Monarch, or Elephant Ruta-Baga. (New.) Large, oval-shaped; yellow flesh . . .
Long Island Ruta-Baga, Purple Top. Very large; fine yellow flesh . . .
Myers' Purple-Top Beauty Ruta-Baga. An improved market garden sort,
Improved Purple-Top Yellow Ruta-Baga. Our finely bred strain; very popular,
Large White Ruta-Baga. Very large and productive; white skin and flesh . . .
Seven Top. Very hardy; grown for leaves, which are used as greens or salads . . .

Postpaid, by Mail.

Per oz.	¼ lb.	Per lb.
\$0 10	\$0 25	\$0 75
5	15	45
10	20	50
10	20	50
10	20	65
10	25	85
10	30	1 00
10	20	60
10	20	60
5	15	45
10	20	50
10	20	50
10	20	50
10	25	75
10	25	75
10	20	50
10	20	50
10	25	75
10	20	50
10	20	50
10	20	50

SEEDS OF POT, SWEET AND MEDICINAL HERBS, ETC.

All Herbs in Large Packets at 5 cents each, except where noted

	per oz.	¼ lb.	lb.		per oz.	¼ lb.	lb.
Anise. Seeds aromatic . . .	\$0 10	\$0 25	\$0 90	American Sweet Marjoram.			
Balm. For culinary purposes, . . .	20	65	2 25	Superior to imported; seed			
Borage. Used for flavoring, . . .	15	40	1 25	of own growing. Pkt., 10c.,	\$0 30	\$0 85	\$3 00
Sweet Basil (Broad-Leaved), . . .	15	45	1 50	Imported Sweet Marjoram,	15	40	1 40
Caraway Seed. For flavoring, . . .	10	25	75	Rosemary. For seasoning			
Catnip (Cat Mint). Pkt., 10c., . . .	35	1 00		and aromatic oil. Pkt., 10c.,	30	85	3 00
Chervil. Used like parsley, . . .	10	25	75	Rue. Has medicinal qualities, . . .	20	50	1 75
Coriander. Seeds aromatic, . . .	10	20	60	Saffron. Medicine and dyeing, . . .	10	30	90
Dill. For flavoring vinegar . . .	10	20	60	Sage. Most used of all herbs, . . .	20	45	1 50
Fennel (Sweet) . . .	10	25	75	Sorrel. (Large-Leaved.) Cul-			
Fennel (Florence Celery- . . .				tivated for acidity . . .	10	30	1 00
Rooted). Flavor like celery, . . .	20	50	1 75	Summer Savory. Culinary, . . .	10	30	1 00
Horehound. Seasoning, and . . .				Winter Savory. Flavoring, . . .	20	50	1 75
for coughs; pkt., 10c., . . .	25	75	2 50	Tansy. For bitters. Pkt., 10c., . . .	35	1 00	3 50
Hyssop. Medicinal. Pkt., 10c., . . .	25	75	2 50	Thyme. Broad-leaved. 10c., . . .	25	75	2 50
Lavender. For oil and water, . . .	20	50	1 60	Wormwood. For Poultry . . .	15	40	1 40
Marigold, Pot. For soups . . .	15	45	1 50				



AS YOU HAVE NOW REACHED THE END OF OUR LIST OF VEGETABLE SEEDS, which, with all others offered in this Catalogue, are the "BEST SEEDS THAT MONEY CAN BUY," WE WOULD ASK if in making up your order you have availed yourself of OUR VERY LIBERAL PREMIUMS as offered on preceding pages of this book.

**Premium
No. 1**

25 cents' worth of Seeds Extra is allowed on each \$1.00 sent us for Seeds by the **Packet** and **Ounce**, which is a discount of 20 per cent., making all five-cent packets cost only **Four Cents** each and ten-cent packets **Eight Cents** each. For illustration as to how to deduct in a general order see bottom of page 1. This discount does not apply to seeds by the **quarter-pound, pound, pint, quart, peck or bushel**.

**Premium
No. 2**

If your order amounts to **\$1.00 or over**, by filling out the coupon, which accompanies this Catalogue, you are entitled to a **yearly subscription** for 1903 to **Farm-Garden and Poultry**, one of the brightest and best papers published. Should you already be a paid subscriber to this paper you can then select in its place the new and up-to-date book, "**Everything You Want to Know**," by Uncle Mike. See page 2.

**Premium
No. 3**

If your order amounts to **\$2.00 or over**, you will receive, in addition to the above, and without asking for it, a liberal-sized trial packet of the **New Unnamed Beet**, with the privilege of competing for the **\$100.00 cash**, which we offer as a prize for the best names suggested for it. We believe this to be the best Beet yet produced, and the seed will be offered for sale for the first time in 1904. See page 3.

**Premium
No. 4**

If your order amounts to **\$3.00 or over**, you will receive in addition to **all the above Premiums**, without request, a large trial packet of a **New Nameless Cabbage**, originated on Long Island and the earliest known, with the privilege of competing for **\$100.00 in cash**, for a fitting title, as offered on page 3.

JOHNSON & STOKES' NEW LEAFLET-ESSAYS ON IMPORTANT VEGETABLES, ETC.

Also **SENT FREE** to all purchasers of Johnson & Stokes' Seeds when asked for with their Seed Orders

They give in a concise, practical way complete cultural information gained from long experience on the subjects of which they treat.

- No. 1. **ASPARAGUS.** Making the Bed, Setting Roots, Cultivating, Fertilizing and Marketing.
- No. 2. **CABBAGE.** Planting Out, Cultivation, Diseases and Insects, Storing and Marketing.
- No. 3. **CELERY.** Soil, Fertilizers, Planting, Cultivating, Blanching, Storing for Winter.
- No. 4. **MELONS.** Musk or Cantaloupe and Watermelons, Cultivation, Manuring and Insect Enemies.
- No. 5. **MUSHROOMS.** How to Prepare Bed, Planting Spawn, Temperature and Marketing.
- No. 6. **ONIONS.** Soil, Fertilizers, Planting Seeds and Sets, Cultivating, Harvesting, Storage, Marketing.
- No. 7. **SWEET POTATOES.** Growing Sprouts on Plants, Setting Out, Cultivating, Harvesting, Storing.
- No. 8. **SASHES AND BEDDING PLANTS.** Treating Principally on Hot Beds and Cold Frames.
- No. 9. **THE FAMILY VEGETABLE GARDEN.** Telling How and What to Grow.
- No. 10. **HINTS ON LAWN MAKING AND GRASS SEED MIXTURES** for Permanent Pasture and Mowing.

In asking for these essays it is only necessary to mention the number of the essay wanted. They **are not for sale** and cannot be sent unless the seed of the kind on which they treat is included in the order, except the last three, which will be sent with any order amounting to 50 cents or over.

3

Decided Bargains

.. FOR ..

EVERYBODY

First and Famous Vegetable and Flower Seeds

Sold in Collections at Retail for less than Wholesale Prices ...

FOR the purpose of inducing thousands of new customers to give our seeds a fair trial, we offer at a nominal price the following splendid collections, knowing that they are composed only of the choicest varieties of the best Seeds that grow. We can safely count on making permanent friends of the large majority of even those who may now hesitatingly send us a trial order—doubting, perhaps, whether such unusual value can really be given for the money. Your interest is our interest; a fair trial, such as these collections afford, will convince even the most skeptical that our Seeds are the best that money can buy. We cannot sell any other seeds so cheaply, nor can we make any changes in the collections.

A GREAT NOVELTY OFFER FOR ONLY 50 CENTS

For 50 cents we will send by mail, all postage paid, 10 full-sized packets of the following choice Novelties and Specialties, fully illustrated and described on the preceding pages, which would cost at regular prices about double what we ask here for them:

1. New Round Pod Kidney Wax Bean. The earliest and best Wax Bean. See page 5.
2. New Ruby Dulcet Beet. The earliest and best first quality beet for the home table. See page 4.
3. Louderback's All Year Round Cabbage. Equally good for both early and late use. See page 22.
4. New Rubicon Carrot. The best and most productive; no other equal for early or late use. See page 25.
5. Myers' Quick-Growing White Plume Celery. A new strain; earliest and easiest grown. See page 6.
6. New Mongolian Lettuce. Unequaled for spring and fall planting outdoors; superb flavor. See page 8.
7. Philadelphia Long-Keeping Yellow Egg Onion. The handsomest and best winter onion. See page 10.
8. New Market Master Pea. Largest pods and peas; remarkable for fine quality; nothing superior. See page 43.
9. Market Gardeners' Best Parsley. The hardest and best of all known sorts. See page 41.
10. New Early Snowball Turnip. The best for spring sowing; earliest and sweetest of all. See page 53.

We send all the above neatly packed, postpaid, by mail, for only 50 CENTS IN STAMPS or cash; FIVE COLLECTIONS, each separate, to one or different addresses if desired, FOR \$2.00.

A COMPLETE VEGETABLE GARDEN FOR \$1.00

Including a Year's Subscription to Farm-Garden and Poultry, by filling out Coupon, as offered on Page 2

OUR SPECIAL INTRODUCTION BOX OF SEEDS embraces 25 full-sized packets of the choicest Vegetable Seeds, including all the above-named Novelties and Specialties and the 15 varieties described below.

11. New Wonder Bush Lima Bean. The earliest, dwarfest and most prolific of all the Bush Limas.
12. New Perle Le Grand Celery. Valuable for both early and late use; superior in quality.
13. Zig-Zag Evergreen Sweet Corn. Very prolific and one of the sweetest of all.
14. New Pearl Cucumber. The best white cucumber; very productive and fine for table use.
15. New Giant Italian Leek. The largest of all and mildest in flavor.
16. Lettuce—Ten of the Best American Varieties, mixed. Give fine lettuce for the table the entire season.
17. Rocky Ford Muskmelon. Celebrated for its remarkable fine quality.
18. Early Jumbo Watermelon. Very early and delicious quality; thrives on all soils.
19. Early Red Globe Danvers Onion. The earliest and best American Red Globe Onion; a fine keeper.
20. Ideal Hollow Crown Parsnip. Beautiful, smooth, very productive and very sweet.
21. Ruby King Pepper. One of the largest and finest red peppers; flesh thick, mild and sweet flavored.
22. New White Chartier Radish. Splendid for both early and summer use.
23. Mammoth Sandwich Island Salsify (Oyster Plant). The only sort worth cultivating.
24. New Mammoth White Bush Squash (Silver Custard). An improved strain; early, large, and fine quality.
25. Atlantic Prize Tomato. Next to Sparks' Earliana, the best early tomato in cultivation.

OUR GREAT FLOWER SEED OFFER

A Collection of 15 Varieties of the Choicest Flower Seeds for only 25 cents

ASTER. Prize Mixed. Embracing Giant, Comet, Semple's Branching and other popular sorts suitable for cutting.
CALLIOPSIS. Rich brown, maroon and yellow flowers. Blooms all summer.
CLIMBERS. An assortment of climbing varieties prepared especially for covering arbors.
CANDYTUFT. Splendid mixed. A popular variety, giving a profusion of bloom all summer. Splendid for cutting.
COSMOS. Giant of California. Will delight you with their profusion of bloom until frost kills them.
GAILLARDIA. Large flowering. Very showy flowers, measuring 2 to 3 inches in diameter and blooming in profusion.
DIANTHUS, or PINKS. Single and double Japanese varieties; with brilliant flowers 2 to 4 inches in diameter.
MIGNONETTE. Sweet-scented large flowers. An old favorite, suitable for pots or cutting.
NASTURTIUM. Dwarf, or Tom Thumb. The rich colors and freedom of bloom make them the most popular of annuals.
PANSY. Large flowering mixed. A strain of rare excellence.
POPIES. Profuse bloomers and brilliant colors. A very rich strain.
SWEET ALYSSUM. Little Gem. For borders, rock-work, edgings, pot culture and cutting.
SWEET PEAS. J. & S. Giant Mixed. Comprising only the best large flowering sorts.
ZINNIA. Giant (Youth and Old Age). A general favorite and one of the showiest of annuals.
WILD FLOWER GARDEN. A mixture of easy growing annuals producing a constant and varied bloom the whole season.



Fully appreciating the great importance to the farmer of **GOOD FIELD CROPS**, we have given particular attention to this department of our business, and have made the **SELECTION AND IMPROVEMENT OF FARM SEEDS** a specialty, exercising great care to secure the best varieties, thoroughly cleaned and of the finest possible quality. Our **FARM SEEDS HAVE GAINED A NATIONAL REPUTATION**, and we supply each year hundreds of customers in every State, from **MAINE TO CALIFORNIA**.

Johnson & Stokes' Thoroughbred Field Corn

Selected for Seed—Tested for Vitality

IMPROVED LEAMING CORN

We feel it a great honor to have been the first seedsmen to introduce and call attention to the great value of the **True Improved Leaming Corn**, seventeen years ago, since which time it has grown in popularity each season, and is now catalogued by nearly every seedsman in America. It is probably more largely planted now, both in the Northern and Southern States, than any other field corn known. This and the **100-Day Bristol Corn**, also first introduced by us in 1895, are by far the earliest and best large-eared Early Yellow Dent Corns in cultivation. The ears are **large and handsome**, as shown in our photograph alongside, with **good, deep grain**, of deep orange color and small red cob. Stalks grow to medium size (not large), with few suckers, slender and leafy, making most excellent fodder, producing two good ears to each stalk; husks and shells easily. It ripens in 90 to 100 days and never fails to make a good crop even in dry seasons, by reason of its earliness in maturing and strong, vigorous growth. One hundred and thirty-six bushels shelled corn have been grown to the acre on good corn ground. It is also adapted to a greater variety of soils than other varieties, producing unusually well on light or heavy land, where other varieties would not thrive. For several years past our sales of this one variety have averaged more than two thousand bushels annually, much of it going to the extreme Northern States and Canada, where it has also become very popular for fodder and ensilage purposes. Prices by mail, postpaid: pkt., 10c.; lb., 25c.; 3 lbs., 65c.; by freight or express, bags included, qt., 15c.; peck, 60c.; bush., \$1.60; sack of 2 bush., \$3.00; 10 bush. and over, \$1.40 per bush.; ears, 50 for \$2.50; 100 for \$4.50.



Average ears of **IMPROVED LEAMING**, photographed alongside an ordinary two-foot rule to show exact measurements.



Austin's Colossal Yellow Dent

AN ENTIRELY NEW AND REMARKABLE FIELD CORN. A perfect wonder in large size of ears, uniformly over a foot in length

The Highest Average Yields

This new corn excited the admiration and wonder of thousands of farmers who visited the Agricultural Building at the Pan-American Exposition at Buffalo, in 1901. Of the hundreds of varieties there exhibited, from almost every State in the Union, it carried off the honors, and we feel justly proud in being the first seedsmen to procure the seed from its experienced originator, Mr. H. W. Austin, and offer it for sale to our customers last spring. The yield on the farm of the originator the past season was at the rate of 120 bushels to the acre, and in the most unfavorable seasons it has never given less than 100 bushels to the acre of its magnificent ears, borne 2 to a stalk, ripening in 110 to 120 days from planting; grain deep, rich yellow, very heavy, and will sell for the highest prices on any market in the land; stalks medium, not too large, and produce enormously on both light and heavy land. Prices for 1903: lb., 40c.; 3 lbs., \$1.00, by mail, postpaid; by freight or express, sacks included, peck, \$1.00; bush., \$3.00; bag of 2 bush. for \$5.00. On ear, 25 ears for \$2.00; 50 ears for \$3.00; 100 ears for \$5.00.

WHAT CUSTOMERS SAY OF IT

We have received hundreds of just such letters as those published below from those who planted it in 1902.

500 BUSHELS ON 4 ACRES

I. M. TOLANEY, Little Falls, W. Va., Sept. 30, 1902, writes: "Your new Austin's Dent Corn is the largest and best corn I ever saw. Many ears measure over 15 inches in length. I have four acres that will surely make 500 bushels."

AN EAR 19 INCHES LONG

JOHN C. FOHLIGER, Cincinnati, O., Oct. 12, 1902, writes: "All who have seen my crop of Austin's Colossal Corn are astonished and loud in its praise. I shall send you a photo of an ear that is 19 inches long. It is a most wonderful corn."

EARS OVER 10 $\frac{1}{2}$ INCHES IN CIRCUMFERENCE

HOMER HAM, Chambersburg, Ill., Oct. 14, 1902, writes: "The Austin's Colossal Yellow Dent Corn has made me over 85 bushels to the acre, and would go more than 100 bushels if storm had not hit it so bad. It is by far the largest corn I ever saw, some of the ears being over 10 $\frac{1}{2}$ inches around."

YIELDS MORE THAN DOUBLE

A. J. MCCHESNEX, Andrew, Ia., Oct. 18, 1902, writes: "I am more than pleased with your Austin's Colossal Yellow Dent Corn. It is a wonderful grower, yielding more than double any other corn grown here."

86 BUSHELS FROM $\frac{1}{2}$ PECK

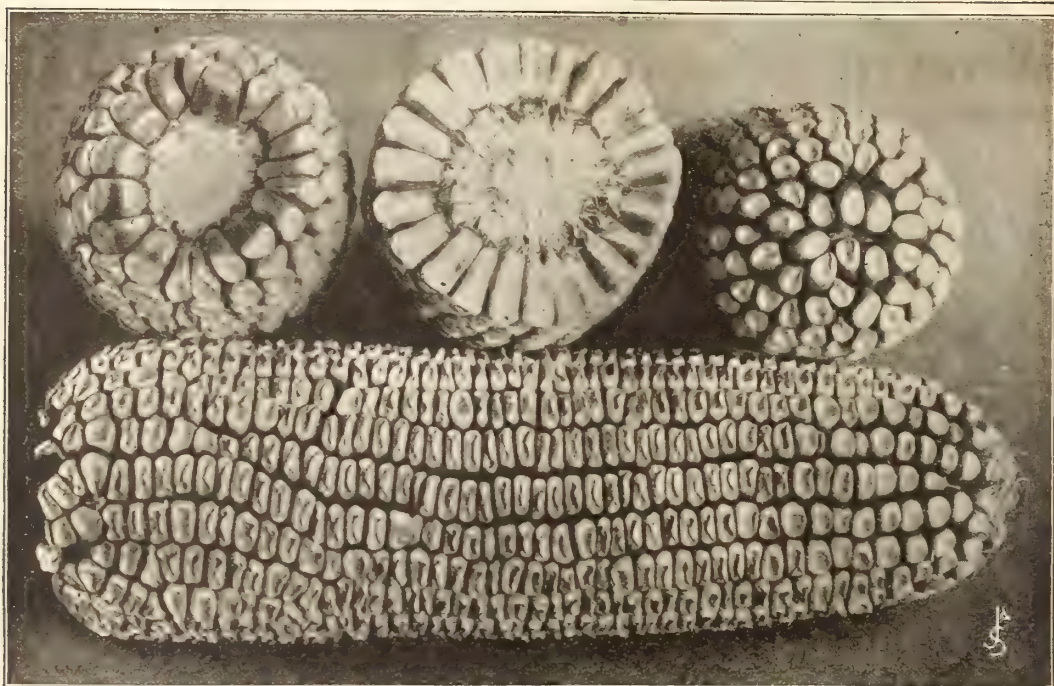
FLETCHER M. MCKENNEY, Perrysville, Pa., Nov. 2, 1902, writes: "I cannot help writing you about the Austin's Colossal Yellow Dent Corn. We have just finished husking and have 86 bushels from the half peck sown."

A WONDERFUL YIELDER

HARRY L. PHELPS, Callender, Tenn., Sept. 25, 1902, writes: "I am greatly pleased with Austin's Colossal Dent Corn. The ears are all perfectly formed and filled, many of them over 15 inches long; a wonderful yielder."



PHOTOGRAPH OF AVERAGE EARS AUSTIN'S COLOSSAL YELLOW DENT. ABSOLUTELY THE LARGEST AND MOST PRODUCTIVE FIELD CORN IN CULTIVATION.



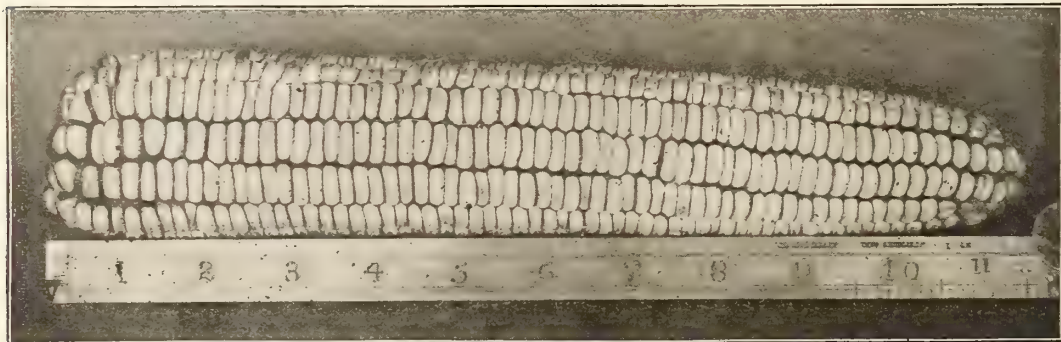
Photograph of JOHNSON & STOKES' GIANT BEAUTY CORN. Showing also section and ends of ear.

✓ JOHNSON & STOKES' NEW GIANT BEAUTY CORN

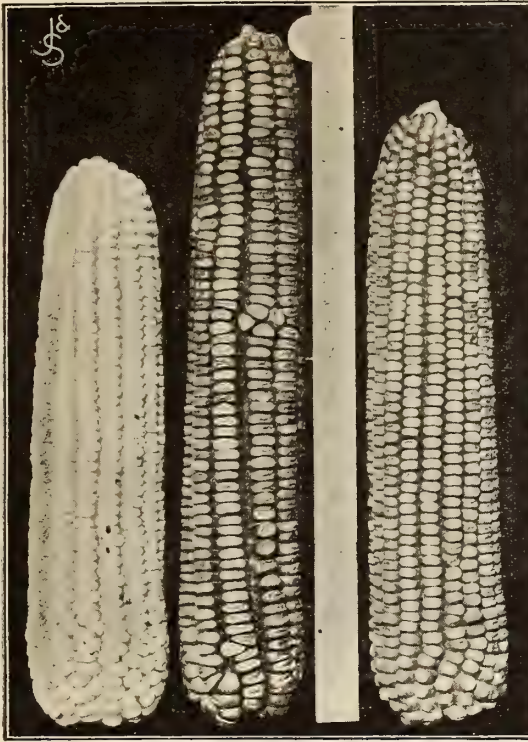
In the new **Giant Beauty** we have a very valuable and long-sought-for variety, viz.: A very large ear and grain, yet a very early Yellow Dent Corn. **Giant Beauty** is a cross between Cloud's Early Dent and Golden Beauty, possessing the **earliness** and **deep grain** of the former, with the **handsome, deep yellow color** and breadth of grain of the latter. It is absolutely the **largest grained of all yellow corn**. Its small red cob and great depth of grain are well shown in our photograph above, made from average ears. Its rich, deep golden color and fine quality of grain make it very superior for grinding into meal, and indicate its strong, nutritive qualities. It is a very vigorous grower, taking strong hold in the ground and averaging eight feet in height, producing two large ears, well filled to the extreme ends of the cob. The **most perfect type** of Yellow Field Corn ever introduced. Pkt., 10c.; ear, 25c.; lb., 30c.; 3 lbs., 75c., postpaid, by mail; by express or freight, sacks included, peck, 75c.; bush., \$2.25; sack of 2 bush., \$4.25; 10 bush. and over, \$2.00 per bush.; 50 ears, \$3.00; 100 ears for \$5.00.

✓ THE 100-DAY BRISTOL FIELD CORN

When we first saw this corn growing in the field, with its **enormous stalks and fodder**, twice the height of an ordinary sized man, and its magnificent ears, averaging nearly a foot in length, as shown in photograph below, we were inclined to doubt its earliness. But after growing it ourselves and on the farms of hundreds of our customers, the past four seasons, we have found it cut and shocked ready for husking in ninety-five to one hundred days from the time the seed was planted. The grain is a light yellow; the cob is small considering the size of the ear. It will produce as much fodder and more corn than the famous Chester County Mammoth and other late varieties, which require three to four weeks longer to ripen. In fact, it is a **perfect field corn in all respects**. Prices: Pkt., 10c.; ear, 25c.; lb., 30c.; 3 lbs., 75c., postpaid, by mail. By express or freight, shelled, peck, 75c.; bush., \$2.25; sack of 2 bush., \$4.25; 10 bush. and over, \$2.00 per bush.; 50 ears, \$3.00; 100 ears, \$5.00, sacks included.



An average ear of 100-DAY BRISTOL CORN, photographed alongside rule, to show exact dimensions.



IMPROVED WHITE DENT—GOLDEN BEAUTY—LEGAL TENDER.

PRICES OF SEED OF FOLLOWING NINE VARIETIES

Per pkt., 10c.; per lb., 25c.; 3 lbs. for 65c., postpaid, by mail. By express or freight, quart, 15c.; peck, 60c.; per bush., \$1.60; per sack of two bush., \$3.00; ten bush. or more at \$1.45 per bush. Sacks included.

IMPROVED WHITE DENT. This new variety has proven itself the earliest, most prolific and best white corn in cultivation. The stalk grows so remarkably quick that it is seldom caught by drought; very leafy and 10 to 12 feet in height. Ears large and ripen in 105 to 110 days from planting. It has yielded the past two seasons from 80 to 100 bushels to the acre on thin ground, that would not produce half that much of most varieties of yellow corn.

GOLDEN BEAUTY CORN. A large, broad-grained yellow corn, maturing in 110 days from planting. Our strain has been perfected and improved, and is equal to any other.

LEGAL TENDER YELLOW DENT. Originated in Iowa, and very popular in many sections of the West. Very productive, ear large, with deep yellow grain on a small cob, stalk 9 to 10 feet, and matures in from 110 to 115 days. Well adapted to both light and heavy land.

DELAWARE COUNTY DENT. For some years Delaware and Chester, adjoining counties in Pennsylvania, have given the largest yields of corn per acre of any district in the United States. This variety is regarded as the most productive of any corn grown in these counties; ears large, grain bright yellow and of great depth, maturing in 110 to 120 days from time of planting.

FARMERS' FAVORITE GOLDEN DENT. Early, with large ears, productive and adapted to thin soil.

CHESTER COUNTY MAMMOTH. Grain large, deep and bright yellow; stalk large, averaging twelve feet.

EARLY YELLOW CANADA FLINT. Well adapted to the North and for late replanting.

HICKORY KING. The largest grained and smallest cobbled pure White Dent Corn in cultivation.

Ensilage and Fodder Corn

RED COB ENSILAGE. This new and superior ensilage corn we can recommend as the **heaviest cropping variety**, producing 50 to 75 tons per acre. It is a pure White Dent Corn, growing on a red cob. The fodder is sweet, tender, juicy, grows 13 to 14 feet in height. Peck, 50c.; bush., \$1.25; 10 bush. and over, \$1.15 per bush., sacks included.

BLUNT'S PROLIFIC ENSILAGE. Also called **Mammoth Ensilage.** Has produced 70 tons of fodder to the acre, and is one of the most popular. Peck, 60c.; bush., \$1.60; sack of 2 bush., \$3.00; 10 bush. and over, \$1.45 per bush.

SOUTHERN HORSE TOOTH. Adapted for ensilage. Peck, 50c.; bush., \$1.25; 10 bush. and over, \$1.15 per bush.

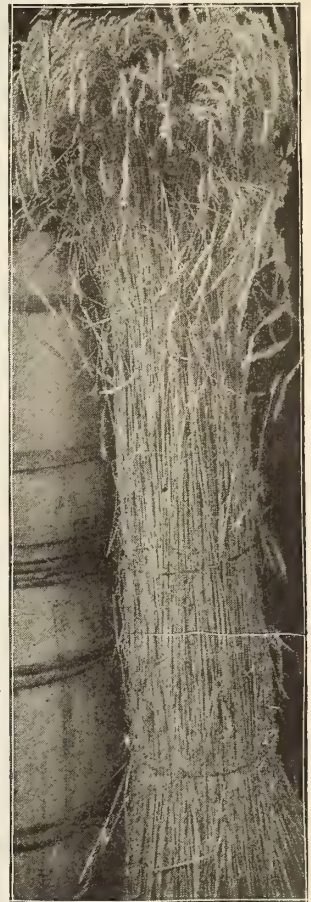
SUGAR CORN FOR GREEN FODDER. Profitable for milch cows. Bush., \$1.60; 5 bush. and over, \$1.50 per bush.

Spring Wheat

SASKATCHEWAN FIFE. This wheat is pronounced by the great milling kings of the Northwest the best. Fifty bushels to the acre is not an uncommon yield. It is ten days earlier than the Common Fife, straw growing about a foot taller, standing stiff and strong. Pkt., 10c.; lb., 35c.; 3 lbs., \$1.00, postpaid; by express or freight, peck, 75c.; bush., \$2.25; 5 bush. and over, \$2.00 per bush., bags included.

SPRING RYE DISTINCT and VALUABLE**A More Profitable Crop than Oats**

Distinct from the winter rye, grain of finer quality and more productive; can be successfully grown in any latitude, and is now being largely sown in the Middle States in place of oats, being a much more profitable crop, on account of the production of nearly four times the straw, and also as a "catch" crop where winter grain has failed. The straw is equally as valuable as that of the fall or winter rye, standing stiff, 7 to 8 feet high. Produces 30 to 40 bushels of grain per acre. As it does not stool like winter rye, not less than two bushels to the acre should be sown. Pkt., 10c.; lb., 35c.; 3 lbs., \$1.00, postpaid; peck, 50c.; bush., \$1.40; 2 bush., \$2.75; 5 bush. and over, \$1.35 per bush., bags included.

**Seed Buckwheat****NEW JAPANESE.**

The kernels are nearly twice the size of any other, of a rich, dark brown color, and manufacture a superior flour. It has rapidly displaced all others, and is now more largely planted than any other, being about two weeks earlier. Pkt., 10c.; lb., 25c.; 3 lbs., 60c., postpaid; qt., 15c.; peck, 40c.; bush., \$1.20; 5 bush. and over, \$1.15 per bush., sacks included.

SILVER HULL BUCKWHEAT.

Qt., 15c.; peck, 40c.; bush., \$1.25. **SPRING RYE, SHOWING HEIGHT AND PRODUCTIVENESS OF STRAW.**

Seed Barley

NEW MANSHURY. Earliest and most productive. Qt., 15c.; peck, 50c.; bush., \$1.40.

SPRING BARLEY. Most popular. Qt., 15c.; peck, 50c.; bush., 48 lbs., \$1.35.

Speltz, or Emmer

(Triticum Spelta.)

A Wonderful Grain from Russia

This grain has been grown for centuries in Russia, near the Caspian Sea. It was recently brought to this country by an emigrant, and has already attracted very wide attention on account of its successful cultivation in the Northwestern States. The grain is intermediate between wheat and barley, and is readily eaten by all kinds of stock. It is adapted for milling purposes, as well as for feeding, making a grade of flour somewhat similar to rye. The straw resembles wheat straw. It grows large crops—40 to 80 bushels per acre—on poor lands, stony ground and open prairies, and will give double the crop of oats or barley. It resists drought successfully, and is adapted to droughty sections and Northern latitudes. Drill at the rate of 3 bushels per acre. Pkt., 5c.; lb., 30c.; 3 lbs., 75c., postpaid; by freight or express, qt., 15c.; peck, 50c.; bush., \$1.50.



Golden Fleece Oats

First Introduced by Us in 1901

Two years ago we secured from the originator in Genesee County, New York, his entire crop of seed of this valuable new oats and offered it for sale for the first time. Hundreds of customers have written us about its merits, and we regret we have not room to publish more of the hundreds of letters received from them. It is, without doubt, the heaviest cropping and handsomest oats ever introduced. One of the largest and most experienced oat growers in Chester County, Pa., says:

"Its wonderful productiveness is far beyond what the most enthusiastic farmers in this section ever expected to realize." The field photograph herewith represents our crop while being harvested, and after threshing and cleaning for seed the yield was 108 bushels per acre of large, plump, handsome, meaty, white grain, weighing 44 lbs. to the bushel. The yield of other varieties on neighboring farms was from 35 to 50 bushels per acre, or less than one-half that of the **GOLDEN FLEECE**. This can be partly attributed to the fact that in many cases the spikes or breast will contain **three full kernels** where other oats give but two. The straw is very strong and does not lodge even when others with less weight of grain in the head go down. The blade is nearly double the size of that of ordinary oats, which is the best evidence of its inherent vigor. This new oats is remarkable for its heavy stooling property, and for this reason 6 pecks (1½ bushels) is sufficient to seed an acre. Prices: Lb., 35c.; 3 lbs. for \$1.00, by mail, postage paid. By freight or express: Per peck, 65c.; per legal bush. (of 32 lbs.), \$1.75; sack of 3 legal bush. (96 lbs.) for \$5.00; 10 bush. and over, \$1.50 per bush., sacks included.



SECTION OF OUR FIELD OF GOLDEN FLEECE OATS.

What Others Write of Golden Fleece Oats

Yielded Three Times as Much

H. D. KNED, Springtown, Pa., August 11, 1902, writes: "Your Golden Fleece Oats yielded about three times as much as the other kinds on our farm."

20 Bushels More per Acre

D. L. McCOWN, Mount Air, October 24, 1902, writes: "Your new Golden Fleece Oats have yielded 20 bushels more per acre than the common White Oats sowed beside them."

47 Bushels from 20 Quarts

ARTHUR C. VAN HORN, Groton, N. Y., August 17, 1902, writes: "I planted last spring 20 quarts of the Golden Fleece, which yielded me 47 bushels of plump, heavy grain of very finest quality."

They Meet with Ready Sale

CHAS. C. HORTON, East Troy, Pa., September 20, 1902, writes: "Your Golden Fleece Oats are the finest. I could have sold at high prices 200 bushels to those who saw them grow, but I had none to spare."

Over 150 Bushels from 3 Bushels

F. B. ROTHFUSS, Blissfield, Mich., September 18, 1902, writes: "From the 3 bushels of Golden Fleece Oats sown I threshed over 150 bushels; they are of the finest ever seen here."

Best in 30 Years' Experience

O. W. WILSON, Spencer, Mass., October 14, 1902, writes: "Golden Fleece produced the best crop of oats that I have ever raised in 30 years' experience or have ever seen in this State."

Standard Varieties of Northern-Grown Seed Oats

Prices of each of the following: 30c. lb., or 3 lbs., 65c., postpaid; by freight or express, peck, 40c.; per legal bush. (32 lbs.), \$1.10; 10 bush. and over, \$1.00 per bush., bags included.

White Maine, very early, handsome, wonderfully fine and productive.

Mortgage Lifter; **Danish Island**, originally from Denmark; very early and hardy.

Lincoln, early and rust-proof, with strong stiff straw.

Golden Giant, **Welcome**, **Clydesdale**, **White Russian**, **Virginia Winter Turf**, and other well-known and popular varieties of seed oats, choicest seed carefully re-cleaned, at above prices.

Where larger lots of Seed Grain than those quoted on this and other pages are wanted, please write us for special prices. No trouble for us to answer your letters and inquiries at any time.



PEAS For Fodder and Plowing Under

"Peas could be made to bring more nitrogen to the soils of this country every year than is now purchased annually by the farmers at a cost of millions of dollars."—U. S. Department of Agriculture.



FIELD OF SOUTHERN BLACK OR RAM'S HORN COW PEAS IN THE NORTH. SOWN JUNE 16TH, PLOWED UNDER AUGUST 31ST.

COW PEAS (The Great Soil Improver)

Make Poor Land Rich. Make Good Land More Productive. Enriching the Soil Even When the Crop is Cut Off.

Green crops plowed under are one of the best and cheapest ways of improving the soil. For this purpose the cow pea is most popular, especially for medium or light soil. They should be sown in May or June, at the rate of $1\frac{1}{2}$ bushels to the acre, and plowed under as soon as they have attained their full growth. While this crop is very largely grown wherever known, with the results attained from it the wonder is, that it is not grown ten times as much as at present. There is no surer or cheaper means of improving poor soil than by sowing cow peas. In its capacity as a nitrogen gatherer its growth largely enables the farmer to dispense with the use of nitrogen or ammoniated fertilizers. Nitrogen or ammonia in commercial fertilizers is valued at fifteen cents per pound. The cow pea, to a greater extent than any other leguminous crop, with possibly the exception of the New Velvet Bean, described alongside, has the power to extract this costly nitrogen or ammonia from the atmosphere.

COW PEAS FOR HAY

If planted early, say by middle of May, in the central corn belt section, a crop can be cut and cured for hay the same as clover, then the stubble in a short time will put out a new growth to be turned under in the fall as a fertilizer.

The best varieties for all purposes are the following: **PRICES** variable with the market.

SOUTHERN BLACK EYE COW PEA, per bush., \$2.25

BLACK, or RAM'S HORN " " " " 2.00

WHIP-POOR-WILL and CLAY, EACH, per bush., 2.25

PRICES BY LETTER ON LARGER LOTS.

CANADA FIELD PEAS AND OATS FOR FODDER

For Dairy Cows and Hogs, equal to Corn, and Six Weeks Earlier.

These make a fodder and hay which in every case doubles the production of milk. The Canada Field Pea, which we sell at \$1.75 per bushel, is the best for this purpose. They should be sown in March or early April, two bushels of peas and two bushels of oats to the acre. The peas should be sown first and plowed under about four inches deep; the oats then sowed and harrowed in. They will be ready for cutting about the latter end of June, when the oats are in milk and the pods formed on the peas. Farmers who have never sown this crop will be surprised at its large yield. It is a nutritious food and relished by all kinds of farm animals. This crop also makes an excellent soil improver when turned under like cow peas as described above. Since we first called attention to the great value of Canada Field Peas for this purpose, some years ago, the demand has become so great that we are now having them grown by the carload in Canada and can always quote **LOW PRICES BY LETTER** when wanted in lots of 10 bushels and upwards.

VELVET BEAN (The Great Nitrogen Gatherer)

A Worthy Rival of the Cow Pea

This new and important forage plant from India is creating a great sensation throughout the Middle and Southern States, where it is supplanting the cow pea for cattle food and as a soil renovator. Since our introduction of it four years since, it has been grown in many of the far Northern States with great success and is worthy of a trial everywhere. Its nitrogen-gathering properties are said to surpass those of the cow pea. It is the rankest grower of any of the legumes; two or three seeds planted four feet apart in rows five feet apart will literally cover the ground two to three feet thick with a mass of foliage and vines 20 to 25 feet long, no matter how poor the soil. It leaves a mulch on the ground that is very beneficial to the soil.

Dr. Stubbs, Director of Southern State Experiment Station, says: "I believe that it can be cut advantageously almost any time from June to October, and cured in less time than cow pea hay, because the stems are smaller. It makes an excellent hay and stock eat it well. A heavy nitrogen gatherer, and the tubercles on its roots are the largest of any plant I have observed; corn-like clusters of tubercles have been collected, that make a mass, from one single growth, almost as large as a common hen's egg. The vines of this plant are now about 30 feet in length, from seeds planted in May." The cultivation is the same as for cow peas. Prices, pkt., 10c.; lb., 25c.; 3 lbs. for 60c., by mail, postpaid; by freight, qt., 20c.; peck, 70c.; bush. of 60 lbs., \$2.40.

SOJA BEAN—Late Variety

The demand for the **SOJA** or **JAPANESE SOY BEANS** has grown remarkably of late years. Their great value is as a forage crop and for fertilizing the soil and for pasturing or feeding the green fodder much in the same way as the cow pea. A valuable variety south of the Ohio River. Sow broadcast one-half bushel to the acre, or it may be planted in drills three feet apart and one foot between plants. Pkt., 10c.; lb., 25c.; 3 lbs., 60c., postpaid; by freight or express, qt., 20c.; peck, 70c.; bush., \$2.25.



PHOTOGRAPH OF A FIELD OF OUR NEW EARLY SOJA BEANS GROWING IN NORTHERN MICHIGAN.

SOJA BEAN—New Early Variety

The ordinary or late soja bean, described above, while valuable south of the Potomac and Ohio Rivers, is too late to be of value in the far Northern States. This variety ripens in all the Northern States, where it has been grown over four feet in height, heavily podded with seed and yielded over ten tons per acre. It is a valuable fodder variety either for feeding green or for the silo. Being a rich nitrogenous feed, it is unsurpassed as a flesh-former, and, like the clovers, is a soil-improver, deriving its nitrogen from the air. All who are interested in this class of plants should give our New Early Soja or Soy Bean a trial. Choice seed grown for us in Michigan. Lb., 25c.; 3 lbs., 60c., by mail, postage paid; by express or freight, qt., 25c.; peck, \$1.00; bushel of 60 lbs., \$3.75.



PLANT OF SAND OR WINTER VETCH—NOTE THE GREAT NUMBER OF SMALL TUBERCLES ON ROOTS.

SAND, or WINTER VETCH (*Vicia Villosa*)

Vicia Villosa succeeds and produces good crops on poor sandy soils as well as on good land; grows to a height of four to five feet. It is perfectly hardy throughout the United States, remaining green all winter, and should be sown in the spring, mixed with oats, spring rye or barley; or during August and September with winter rye, which serves as a support for the plants. It is the earliest crop for cutting, being hardier and nearly a month earlier than Scarlet Clover, and a full crop can be taken off the land in time for planting spring crops. Every dairyman and stock-breeder in the United States should have a field of it, and if you try it once you will never be a season without it. It is exceedingly nutritious, eaten with relish, and may be fed with safety to all kinds of stock. Sow 50 to 60 lbs. per acre with one-half bushel of rye, oats or barley. Lb., 35c.; 3 lbs., \$1.00, postpaid; lb., 25c.; 10 lbs., \$2.00; bush. of 60 lbs., \$3.00; 100 lbs. and over, 12c. per lb., by freight or express.

SPRING VETCHES, or TARES

A species of very small pea, grown extensively in England and Canada for stock feeding. The seed is also largely used for pigeon feed. Culture same as for field peas. Lb., 25c., postpaid; qt., 20c.; peck, \$1.00; bush., \$3.50, by freight.

KAFFIR CORN—The Great Forage Plant

Will make a fine crop of forage if cut in early bloom, and the shoots that then follow will mature a full crop of seed and forage. Both grain and fodder are excellent, the whole stalk tender to the full maturity of seed. There is no failure about it, as it possesses the quality that all the tribe possess, of waiting for rain without any loss of capacity to yield. The grain is extremely valuable for feeding to poultry and will make a flour that is like wheat. Cultivated the same as our common Indian corn, requiring four to five pounds of seed per acre. By mail, pkt., 10c.; lb., 25c.; 3 lbs., 60c.; by freight or express, qt., 15c.; peck, 60c.; bush, 60 lbs., \$1.75.

RED AND WHITE MILLO MAIZE

These are popular varieties of sorghum, somewhat similar to the above, valuable for both forage and grain. Four pounds will plant an acre. Cultivation is same as for Kaffir Corn. Pkt., 10c.; lb., 25c.; 3 lbs., 60c., postpaid; by freight, qt., 15c.; peck, 65c.; bush., \$2.00.



DWARF ESSEX RAPE—EIGHT WEEKS FROM SOWING.

TRUE DWARF ESSEX RAPE

Dwarf Essex Rape, of the True Biennial Variety, is now largely grown in this country on account of its rapid growth, being ready to feed in eight to ten weeks from sowing, and producing twenty-five to thirty tons of green forage to the acre. It grows to a height of three feet and covers the surface so densely as to smother out all weeds. It can be sown all through the season, being perfectly hardy, withstands drought, and will produce a crop in any soil by sowing broadcast at the rate of five to ten pounds to the acre. While unequalled as a pasture for sheep, as a food for all cattle, calves or pigs, it is without a rival, its fattening properties being twice as great as clover, making a much relished and most succulent food from May to December. Lb., 25c.; 3 lbs., 60c., by mail, postpaid; by express or freight, lb., 15c.; 10 lbs., \$1.00; 25 lbs., \$2.25; bush. of 50 lbs. for \$4.00; 100 lbs. and over, at 7c. per lb. Special prices by letter for larger lots.

EARLY AMBER SUGAR CANE

The high value of Northern grown sugar cane for fodder and ensilage is becoming rapidly known. It may be made to furnish the principal food for cattle, horses and mules from August until the following spring. When fed down young as a pasture it grows rapidly again. It also withstands severe drought with the best of this class of plants. As a fodder and for winter feed it is one of the most economical.

The Early Amber is the best for fodder as well as for sugar, as it matures quickly, and has been cultivated as far North as St. Paul, Minn. The seed is valuable also as food for horses and cattle, and is greedily eaten by poultry, increasing the egg-production. By mail, postpaid, lb., 25c.; 3 lbs., 60c.; by express or freight, qt., 20c.; peck, 70c.; bush. of 56 lbs., \$2.25; 5 bush. or over, \$2.00 per bush.

TEOSINTE

(*Reana Luxurians*)

This gigantic Gramma will furnish a continuous daily supply of most nutritious green food for horses and all kinds of cattle all through the summer. It also makes splendid dry fodder, yielding enormously, and being more nutritious and better relished by all stock than corn fodder. In appearance it somewhat resembles Indian corn, but the leaves are much larger and broader, and the stalks contain sweeter sap. It stools out enormously after being cut. Sow in May or June, at the rate of three pounds per acre, in drills four feet apart. Pkt., 10c.; oz., 15c.; 1/4 lb., 35c.; lb., \$1.00, postpaid; by express or freight, lb., 60c.; 5 lbs. and over at 80c. per lb.



TEOSINTE GROWN AT FLORACROFT.



BRUSH OF WEBER'S IMPROVED EVERGREEN BROOM CORN.

Weber's Improved Evergreen

THE BEST BROOM CORN IN CULTIVATION

The high prices which have prevailed the past three years for broom corn brush indicate that the demand has overtaken the supply, and farmers, where possible, should add it to their crops. The most important question is the securing the best variety and good seed. Weber's Improved Evergreen is the best and purest in cultivation, originated and selected by Mr. Geo. Weber, one of the largest growers of Montgomery County, Pa., who has for many years had the reputation of having the best in the State, having made his stock famous by selection and improvement for length, strength and straightness of brush. It is of a very bright green color without the slightest reddish tinge. It makes by far the best brooms of any corn grown and commands the very highest prices. Customers who have grown this corn report yields of over 1,000 lbs. of brush to the acre. Height, 7 to 8 feet. Lb., 35c.; 3 lbs., 75c., postpaid; qt., 25c.; peck, 90c.; bush., \$2.50; sack of 2 bush. for \$4.50.

Evergreen Broom Corn

The old standard variety largely grown in many sections of the West, but is not equal to or as salable as the brush of the Weber's Improved. Qt., 20c.; peck, 75c.; bush., \$2.00.

Wild Rice (*Zizania Aquatica*)

A native plant, furnishing food for wild fowl, ducks, geese, etc., also valuable as a forage plant for swamps and inundated lands, as it grows rapidly, and all stock are fond of it when green or cured for fodder. It attracts all wild birds from September on, and also purifies the water and affords a refuge for the small fry from the large fish. To sow:—"Put the seed in coarse linen or cotton bags, and sink in water for 24 hours. Sow in water which is from 6 inches to 5 feet deep, in soft mud bottom, and in places where there are but few weeds. It is useless sowing this seed except on a mud bottom, or on low marshy places which are covered with water the year round. In running water sow as much out of the current as possible." Lb., 35c.; 3 lbs., \$1.00, postpaid; lb., 25c.; 10 lbs. and over, 22c. per lb., by express.

Jerusalem Artichoke Roots

This variety is not produced from seed. They are sometimes used as a table vegetable when pickled, but their greatest value is for feeding stock. They are the best hog food known. They are remarkable for their fattening properties, great productiveness (over one thousand bushels having been grown on one acre) and ease with which they can be grown. They need not be dug; the hogs should be turned in on them, and will help themselves by rooting. One acre will keep from twenty to thirty hogs in fine condition from October until April, except when the ground is frozen too hard for them to root. They are also said to be a preventive of cholera and other hog diseases, and they are also highly recommended for milch cows, increasing the yield of milk and at the same time improving their condition. Three bushels will seed an acre. They should be cut the same as potatoes, one eye to a cut being sufficient, planted in April or May, in rows three feet apart and two feet in the rows, and covered about two inches deep. They can be shipped at any time during the season, as they are not injured by freezing. Lb., 35c.; 3 lbs., \$1.00, postpaid. By freight or express, peck, \$1.00; bush., \$3.00; bbl. of 3 bush. (enough for one acre), \$7.50.

Chufas, or Earth Almond

(*Cyperus Esculentus*.)

A species of "grass nut" used to fatten hogs. They should not be confounded with the cocoa, or nut grass, for though it belongs to the same class, the Chufa is eradicated with great ease, and is never a pest. The nuts grow under ground, very near the surface, easily reached by pigs or poultry. Plant in April, ten to twelve inches apart in three-foot rows. Cover lightly. If the seed is very dry, soak well before planting, to secure a good stand. They mature early in September, and lie in the ground till wanted. One peck of seed to the acre. Pkt., 10c.; pint, 25c.; qt., 40c., postpaid. By express, qt., 25c.; peck, \$1.00; bush., \$3.75.

Long White Cow Horn Turnip

THE MOST POPULAR AND BEST FOR STOCKMEN

Has rapidly grown in favor for agricultural purposes. It is a fine keeper, heavy cropper; color pure white, except a little shade of green at the top, and is carrot-like in form, growing nearly half out of the ground, and generally slightly crooked. It is delicate and well flavored, of rapid growth and very nutritious. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 50c., postpaid; 5 lbs. and over, by express, 35c. per lb.



A SEED HEAD OF MAMMOTH RUSSIAN SUNFLOWER.

Mammoth Russian Sunflower

THE GIANT OF ALL SUNFLOWERS

The best variety for the farmer. Growing to double the size of the common, and the yield of seed is twice as great. One hundred and twenty-five bushels to the acre have been grown at a less expense than corn. It is highly recommended for poultry; the best egg-producing food known; the leaves make splendid fodder, much relished by all kinds of stock. The seed is good feed for horses, and yields a fine quality of oil. The strong, thick stalks are used for fuel. Oz., 5c.; qt., 15c. (qt., postpaid, 25c.); peck, 50c.; bush., \$1.50; sack, 2 bush., \$2.75; 5 bush. and over, \$1.25 per bush.



East Indian or Pearl Millet

For several years we have been experimenting with all the known forage plants and have found nothing superior to Pearl Millet either in enormous growth or quality. It has produced the most abundantly and can be cut several times during the season. The United States Agricultural Department has also made numerous experiments and with about the same results as those at Floracraft. Many customers who also planted it on our recommendation, are now enthusiastic in its praise. If you grow green forage try East Indian or Pearl Millet, and you will find there is nothing better. Drill in 2 feet rows, 10 lbs. to the acre. By mail, postpaid, per pkt., 10c.; lb., 30c.; 3 lbs., 75c.; by freight or express, lb., 20c.; 10 lbs. (enough for 1 acre), \$1.00; bush. of 50 lbs., \$4.50.

German or Golden Millet

(SOUTHERN GROWN)

Southern grown German Millet Seed is far superior, both in quality and yield of product, to Western or Northern grown seed. When properly grown and handled, makes an enormous yield of nutritious feed, succeeding in almost any soil. Sow in May or June, one bushel to the acre. Price varies with the market. Qt., 10c.; bush., about 50 lbs., \$1.75.

Hungarian Millet

(*Panicum Germanicum*)

The most popular annual millet, yielding two or three tons of hay per acre. Sow 1½ bushels to the acre in May or June. Price varies. Qt., 10c.; bush., 48 lbs., about \$1.50.

SIBERIAN OR RUSSIAN MILLET

A new and wonderfully productive forage plant from Russia, which has given excellent results in the United States and is rapidly becoming the most popular of all the millets. It is extremely hardy, withstands drought wonderfully, and is about two weeks earlier than German Millet, growing four to five feet in height, much ranker, producing more leaves than either the Hungarian or German Millet. Its stooing properties are remarkable, as high as forty-one stalks having been grown from one seed. The leaves start close to the ground and continue nearly to the top of the stem; are wide and tender, making it preferable to all other millets for hay. Yield of hay is one-third to one-half more per acre than Hungarian and German; besides, the hay is softer when cured, greener in color and preferred by all stock, being very nutritious and fattening. Sow in May or June, 15 to 25 lbs. to the acre. Lb., 25c.; 3 lbs., 60c., postpaid by mail; by freight or express, 10 lbs., 75c.; bush. of 50 lbs., \$2.00; 2 bush. and over, \$1.75 per bush.



SIBERIAN MILLET.
(*Selarita Italica*.)



JAPANESE MILLET IN MASSACHUSETTS--FIELD FROM WHICH OUR SEED WAS SAVED BY THE INTRODUCER, PROFESSOR BROOKS.

Japanese Barnyard Millet

(*Panicum Crus Galli*)

This wonderful and valuable new forage plant was introduced into this country by Prof. Brooks, of the Massachusetts Agricultural Experiment Station. It has proven an enormous yielder in all sections of the United States--hay and fodder of most excellent quality growing on any soil, yielding 12 to 20 tons per acre and growing 6 to 8 feet in height. Cattle and horses eat it greedily. Sow in May and June broadcast, 10 to 12 pounds per acre (it stools remarkably), or in drills, 8 lbs. per acre. Prices: By mail, postpaid, per lb., 30c.; 3 lbs., 75c.; by express or freight, lb., 20c.; 10 lbs., \$1.00; bush. of 30 lbs., \$2.00; bag of 2 bush. for \$3.50.

Australian Salt Bush

THE FORAGE PLANT FOR ALKALI SOILS

Introduced into the United States by the University of California. One plant will cover 200 to 300 square feet in one season, covering the ground with a matting of from six to eight inches thick. It remains green all winter, and will yield 20 to 30 tons to the acre. One pound of seed will plant an acre. Sow broadcast, in soil well pulverized, after all danger of frost is past. Mix the seed with ten times its weight of loam, sand, ashes or plaster; cover lightly, not exceeding ¼ of an inch. Or it may be sown in a hot bed, cold frame or boxes; transplant when two inches high. Pkt., 10c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.25, postpaid.

Ginseng

The cultivation of Ginseng is now attracting considerable attention and has been found very profitable, commanding \$3.00 to \$4.00 per lb. It is said an acre will produce several hundred pounds smooth clean roots. To those who wish to experiment we offer choice seed at 25c. per packet.

Tobacco Seed

CONNECTICUT SEED LEAF. Saved from selected plants. Pkt., 10c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

HAVANA. Genuine imported seed, direct from Cuba Pkt., 10c.; oz., 35c.; ¼ lb., \$1.00; lb., \$3.75.

SUMATRA, STERLING, GENERAL GRANT, PENNSYLVANIA AND LANCASTER BROAD LEAF, each, pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

Fruit Tree Seeds

Remit postage, 8c. per lb., 15c. per qt., if by mail.

Peach Pits. Pure Southern, natural, qt., 20c.; bush., \$3.00. **Apple Seed,** lb., 25c.; bush., \$6.50. **Apricot Pits,** oz., 10c.; lb., 50c. **Plum Pits,** oz., 10c.; lb., 50c. **Pear Seeds,** French imported, oz., 20c.; lb., \$2.00. **Quince Seed,** oz., 20c.; lb., \$1.50. **Mulberry Seed,** oz., 20c.; lb., \$2.00. **Osage Orange.** For hedges. Lb., 40c.; bush., \$7.50.



High-Grade Extra Cleaned Clover and Grass Seeds

Our grass and clover seeds are extra cleaned and of the highest quality. We take great care to have them absolutely free from all noxious weed seeds.

POSTAGE ON CLOVER AND GRASS SEEDS

Remit, in addition to price, 10c. per lb. and 15c. per qt., except on light varieties, which do not weigh over 14 lbs. per bush., on which remit 5c. per qt., to prepay postage, when ordered to be sent by mail.



CRIMSON OR SCARLET CLOVER, THE GREAT NITROGEN GATHERER.

yields a heavy bulk of herbage where no other clover succeeds. Its superior pasturage is much liked by cattle. Blossom heads round, flesh-colored, sweet and fragrant, much liked by bees. Sow six pounds per acre in spring or fall. Lb., 25c.; 10 lbs., \$2.00; 25 lbs., \$4.25; bush., 60 lbs., about \$9.50.

LUCERNE, or ALFALFA CLOVER. A perennial forage plant, and when once properly seeded in suitable soil, will produce fine crops for several years. It has a remarkably strong growth, roots penetrating the ground to a great depth—ten to twenty feet—until they are altogether out of reach of drought. Sow twelve pounds to the acre. Lb., 25c.; 10 lbs., \$1.50; bush., 60 lbs., about \$8.50.

WHITE DUTCH CLOVER. The best to sow with lawn grass and valuable in permanent pastures. Oz., 5c.; lb., 25c.; 10 lbs. and over, 30c. per lb.; bush., 60 lbs., \$16.00.

CLOVER COMMON RED. Lowest market prices.

MAMMOTH PEA VINE, or SAPLING CLOVER. Market variable. Write us for lowest market prices.

SAINFOIN, or ESPARSETTE. (Holy Hay.) A land enriching, luxuriant, heat-resisting perennial clover. Lb., 15c. (lb., postpaid, 25c.); 10 lbs., \$1.00; bush. of 25 lbs., \$2.25.

BOKHARA CLOVER (Honey Plant). Excellent for bee food, growing well on poor soil. Lb., 30c.; 10 lbs., \$2.50.

CRIMSON, or SCARLET CLOVER. A most valuable crop is this annual clover. As an improver of the soil, or for an early summer forage or hay crop, it is first-class. As a green manuring crop for grain, fruit or trucking crops, it gives the very best results, while for improving poor land it has few equals. It succeeds on every kind of soil, standing Southern suns and Northern winters, and is now grown largely in Delaware, Maryland, New Jersey, Pennsylvania, Virginia, and has succeeded in every State where tried. Sow ten to fifteen pounds to the acre in June or July. Lb., 15c.; 10 lbs., \$1.00; bush. of 60 lbs., about \$3.75.

ALSIKE, SWEDISH, or HYBRID CLOVER. The hardiest of all; sometimes called Giant White Clover. It is a perennial, therefore adapted for permanent pastures or for hay crop. Never heaves or throws in the winter, thrives equally well on wet or dry soil, through extreme droughts or excessive rains. Grows on clover-sick land and

Write for prices on Grass and Clover Seeds, stating kinds and quantities wanted. Prices vary with the market, and we can frequently supply lower than Catalogue rates.



CANADIAN BLUE.



KENTUCKY BLUE.

CANADIAN BLUE GRASS (*Poa Compressa*). The hardest grass in cultivation; should not be confounded with the Kentucky Blue Grass. Canadian Blue Grass shoots its leaves very early. All grazing animals eat it greedily; cows fed on it produce a very rich milk. It is especially relished by sheep. Its bluish green stems retain their color after the seed is ripe. It shrinks less in drying than most other grasses. It is an excellent grass for dry, sandy, thin soils and banks, and for covering the surface of rocky soils. Qt., 15c.; bush., 14 lbs., \$1.50; 5 bush. and over, \$1.40 per bush.

KENTUCKY BLUE GRASS (*Poa Pratensis*). Valuable for pasture when mixed with other varieties. Qt., 15c.; bush., 14 lbs., \$1.60; 5 bush. and over, \$1.50 per bush.

HUNGARIAN BROME-GRASS

(*Bromus Inermis*)

This great drought-defying, frost-resisting grass is now attracting much attention in the United States. It yields enormous crops of splendid hay, and affords rich, abundant pasturage. *Bromus Inermis* has been known in Europe for over one hundred and thirty years. It is grown extensively in Hungary and is commonly known as Hungarian, or Smooth Brome-grass. The United States Agricultural Department has made extensive experiments, and speaks of it in the highest terms. It endures extremes of temperature and resists protracted drought, succeeding where Alfalfa fails. Poor lands are no discouragement. It grows best in light, sandy loam, but its roots will penetrate the stiffest clays. It is equally good for cutting green, pasturing or cutting into hay, and the dense, tough sod it forms is most valuable for holding the banks of ditches and strengthening the turf of sandy soil. It can be sown alone and also does well sown with clover, or with clover and timothy. Use 20 pounds to the acre if alone; if with clover, 15 pounds. It may be sown in the fall with winter wheat, or in the spring. To be cut when first coming into bloom.

Seed, per lb., 30c., postpaid; by express or freight, qt., 15c.; bushel of 13 lbs., \$2.25; 2 bushels for \$4.00.

ORCHARD GRASS. One of the most desirable pasture grasses. Qt., 15c.; bush., 12 lbs., about \$2.25.

TIMOTHY. Qt., 20c.; bush., 45 lbs., about \$3.00.

HERD, or RED TOP GRASS. A valuable native permanent grass, as a mixture in meadows or pastures. Qt., 15c.; bush., 10 lbs., \$1.00; in sacks of 50 lbs., about \$3.50.

JOHNSON GRASS (SORGHUM HALAPENSE). Valuable for the South. Qt., 20c.; bush., 25 lbs., \$2.75.

NATURAL GREEN GRASS. Qt., 20c.; bush., \$3.00.

MEADOW FESCUE, or ENGLISH BLUE. Qt., 20c.; bush., 22 lbs., \$3.50. Sow 2 bush. to the acre.

TALL MEADOW OAT GRASS. A valuable grass for permanent pasture, on account of its early, luxuriant growth. Makes splendid hay. Qt., 20c.; bush., 13 lbs., \$2.75.

ENGLISH RYE GRASS. A nutritious, permanent grass, for meadows and pastures. Qt., 20c.; bush., 24 lbs., \$1.75.

ITALIAN RYE GRASS. Qt., 20c.; bush., 20 lbs., \$2.00.

WOOD MEADOW GRASS. Adapted for pleasure grounds under trees; fine for pastures under close feeding. Sow 28 pounds to acre. Lb., 60c., postpaid; bush., 14 lbs., \$6.50.

SWEET VERNAL GRASS. True perennial. Lb., 65c., postpaid; bush., 10 lbs., \$5.00.

MEADOW FOXTAIL, ROUGH STALKED MEADOW, RHODE ISLAND BENT, HARD FESCUE, SHEEP'S FESCUE, WATER MEADOW, WATER FESCUE. Each, per lb., 40c., postpaid; 10 lbs. and over, 30c. per lb., by express.

CRESTED DOGTAIL, FINE LEAVED FESCUE, CREEPING BENT, SHEEP FESCUE. Each, per lb., 45c., postpaid; 10 lbs. and over, 35c. per lb., by express.

We carry a large stock of Imported and Fancy Grasses. Write for prices on any not here quoted.



Sown with JOHNSON & STOKES' EVERGREEN VELVET LAWN SEED MIXTURE, which, owing to its beautiful and enduring effect, is now annually used by many of the finest parks in the country, especially in New York, Philadelphia and Boston.

GRASS SEED MIXTURES

For Lawns, Grass Plots, etc.
For Pastures and Mowing

The judicious selection of Grass Seed, for the creation of a beautiful lawn or grass plot, or a durable pasture or hay crop, requires a knowledge obtained only by an intimate study of the habits of varieties as respects quality of herbage and vigor of constitution. It is not sufficient to select the one Grass indigenous to the soil or climate, for it may not possess the many qualities desirable for the purpose desired, for hardness and permanence, which combination of qualities and character is best found in a mixture of sorts.

JOHNSON & STOKES' EVERGREEN VELVET LAWN SEED MIXTURE

is the Best Lawn Grass Seed for the American Climate. With it you can renovate old and make new lawns, grass plots, tennis courts, golf links, etc., as soft as velvet and as green as emerald, which flourish during different months of the year, and insure a beautiful, dwarf, green, compact sward, remaining green and fresh throughout the season. It has become widely known, and is exclusively used on the finest public and private grounds around Philadelphia, New York, Boston, Chicago, and other cities. Quart, 20c.; 2 quarts, 35c. (qt., postpaid, 25c.); peck, \$1.00; bushel, 20 lbs., \$4.00.

FAIRMOUNT PARK LAWN GRASS SEED MIXTURE

This is composed of fine grasses, but less expensive than those used in our **Evergreen Velvet Mixture**, and will give excellent results. Quart, 15c. (qt., postpaid, 20c.); peck, 75c.; bushel, 14 lbs., \$2.50.

A quart of Lawn Grass Seed will sow about 300 square feet. Three to four bushels are required to sow an acre. Instructions how to prepare and sow a lawn accompany each package or bag of seed.

SPECIAL GRASS SEED MIXTURES FOR GOLF LINKS

Fair Green Mixture. (For outlying grounds.) Specially prepared of the most enduring and serviceable grasses, without clovers. Per bushel, \$2.50; 10 bushels and over, \$2.25 per bush.

Putting Green Mixture. A carefully prepared combination of grasses for sowing on putting greens, which will produce a dense, close sward. Per bushel, \$4.00; 10 bushels and over, \$3.75 per bushel.

SPECIAL MIXTURES FOR PERMANENT PASTURES AND MOWING LANDS

SOW TWO AND ONE-HALF BUSHELS TO THE ACRE

Johnson & Stokes' No. 1 Mixture for Permanent Pasture.—Contains, blended in proper proportions for the purpose, the following grasses: Orchard Grass, Sheep's Fescue, Meadow Fescue, Hard Fescue, Canadian Blue, Sweet Vernal, Meadow Foxtail, Tall Meadow Oat, Red Top, Kentucky Blue, Italian Rye Grass, Perennial Rye Grass, Rhode Island Bent, Timothy, Wood Meadow, Rough-Stalked Meadow, Alsike Clover, White Clover, Mammoth Clover. Bushel, \$2.50; 10 bushels, \$22.50, sacks included.

Johnson & Stokes' No. 2 Mixture for Permanent Mowing.—Contains, properly blended, according to condition of soil and climate: Red Top, Perennial Rye Grass, Orchard Grass, Timothy, Red Clover, Mammoth Clover, White Clover, Fine-Leaved Fescue, Rhode Island Bent, Rough-Stalked Meadow, Meadow Fescue, Meadow Foxtail. Bushel, \$2.50; 10 bushels, \$22.50, sacks included.



FLOWER SEED NOVELTIES

It is our practice each season to test on our "Floracraft" Trial Grounds all Floral Novelties, and in this way we become, by personal positive knowledge, acquainted with all the best that is offered both in this country and abroad. Of many of the finer sorts, we grow our full stock of seed on our own ground, thus being enabled to know that the type is kept pure and true.



No. 330 **New Aster "White Ladie"**

This exquisite new Aster, of which we control the entire supply of seed, was offered by us in 1890, but the crop of seed the next season was an entire failure, and we are very glad to be able to again place it before our customers, knowing that all who try it will be charmed with its exquisite blooms. It is quite dwarf, thus making it suitable for decorative uses of all kinds, also for bedding. The needle character of the aster is of modern date, and is one of new type, which is attracting much attention, the long, graceful, tubular petals giving it a very distinct and attractive feature. Its pure white form makes it exceedingly useful as a cut flower and for use in designing; it remains fresh a long time after cutting, and this, with its long stems and beautiful form and dwarf habit, makes it one of the most valuable asters ever offered; it will prove a very useful and popular novelty. Price, per pkt., 10c.



PINK PLUME CELOSIA.



EXTRA EARLY GIANT PLUME ASTER— $\frac{1}{2}$ NATURAL SIZE.

New Extra Early Giant Plume Aster

The Queen of the Market Asters have heretofore been our earliest Asters, but this new Giant Plume Aster is quite as early and grows to an immense size, many blooms measuring five inches in diameter. The long, recurved petals give the flowers an exceedingly graceful effect, heightened in many cases by the irregular character of the petals in the centre of the flower. The type is well established, the flowers all coming perfectly double. Price, pure white, 20c. per pkt.; pure rose, 20c. per pkt.

New Ostrich Feather Aster

The new Ostrich Feather Asters are a new type, with long, wavy, twisted feathery petals, like the wavy beautiful feathers of the ostrich. They are a very valuable addition to the decorative class of Asters. Flowers frequently measure four inches across, in long, thin, wiry stems. Price, mixed colors, 15c. per pkt.

Pink Plume Celosia

(*Celosia Spicata*)

No. 671

The flowers of this charming Celosia open of a fresh bright rose tint and the lower involucres change gradually to a silvery white, thus presenting to the eye a most charming combination of color. The elegant long-stemmed flowers preserve their beauty even in unfavorable weather and furnish quite an excellent material for making up bouquets, etc. In addition to this, they are very suitable for drying, and as the plant blooms for a very long period, it is equally valuable both for the open border and for culture in pots. Per pkt., 15c.



NEW PINKS



DIANTHUS "ROYAL PINK."

"ROYAL PINK." (*Dianthus Heddewigi Nobilis*.)

No. 1095. This is a great improvement on the old-fashioned Indian Pink, which has been a favorite for many years. They are of easiest culture and constant and graceful bloomers. The flowers are very large and the petals are fringed and fringed, giving the large flower a graceful and light appearance. The colors are, first of all, of a deep yet very bright blood red, then shade to carmine and pink and even white. The foliage is grayish blue, sometimes darker. The plant grows vigorously and tall, and gives lots of first-class cut flowers with long stalks, and keeping a full week in water. The more the blooms are cut, the more the plant will produce. Per pkt., 10c.

"STAR PINK." (*Dianthus Stellaris*.)

No. 1096. This novelty represents a new class of the Chinese Pink. Each single flower has the form of a 5 or 6 rayed star, hence the name, "Star Pink." They bloom continuously from June to October with a matchless display of color and variety of markings. Pkt., 10c.

DOUBLE DIANTHUS "SALMON QUEEN"

No. 1097. This beautiful double annual pink has finely fringed flowers of a fiery salmon red, turning to a charming salmon pink as they get older. Plants are 10 to 12 inches high, and bloom profusely throughout the whole season. Pkt., 10c.

"PINK COLLECTION"—One pkt. each of above 3 choice Pinks for 25c.



Giant Shasta Daisy

The Shasta Daisy is one of the most marvelous productions in the flower line that has ever been brought to the notice of floriculturists. It is the first of a new type, which has been obtained by first combining the free-flowering American species with the large but coarse European species and the Japanese species, *Nipponicum*, after which, rigid selection through a series of years has produced the present wonderfully beautiful and useful strain. Its first qualification is hardiness; it can be grown out of doors by anybody where it is not cold enough to kill oak trees. It is perennial, blooming better and more abundantly each season. It can be multiplied rapidly by simple division, and it is not particular as to soil, and it blooms for several months. The flowers are extremely large and graceful, averaging about 4 to 5 inches in diameter. Packet, 15c.



EDELWEISS.

THE GENUINE EDELWEISS

or Sunflower of Switzerland

No. 1190. There is a world of poetry connected with this charming flower, to obtain which many travelers have sacrificed their lives. It blooms right through the snow, and when cut lasts for years. The flowers are rare and beautiful, as white as snow and as soft as velvet, growing sometimes 30 on one plant, with grayish-white foliage in spreading rosette. Naturally as hardy as a rock, they grow in any way, on sandy moist soil, gritty and well drained, or on raised rockwork, and even as a border plant, in chalky open soil. Lasting for years in beauty, it will certainly prove a wonderful attraction. Price, per pkt., 20c.

Two New Superb Pansies

PANSY GIANT "PRETOSIA"

This flower is similar to the new "Masterpiece" Pansy introduced two years ago, and has the same frilled edges, but it is of the true giant five-spotted sort. Each petal marked with a large blotch of deep violet on a ground color of brilliant crimson rose, and each petal margined with a pure white edge. Price per pkt., 20c.

PANSY GIANT "INDIGO KING"

The brightest blue pansy ever offered. The old variety, "Emperor William," looks a dull color when compared with this grand new sort. Price per pkt., 20c.



NEW GIANT PANSY "PRETOSIA."



STAR PRIMULA. Pkt., 25c.

STAR PRIMULA (*Primula Stellata*)

As decorative plants the New Star Primulas are very effective. They are upright in growth, both flowers and foliage have deep purple stems, and the flowers grow tier after tier until a perfect and graceful pyramid is formed. All lovers of the Primula should try this lovely new sort. Price, 25c. per pkt.



NEW GIANT FRINGED BLUE PETUNIA.

NEW GIANT FRINGED BLUE PETUNIA

Petunia hybrida grandiflora fimbriata caerulea.
An enormously large, deeply cut and finely fringed Petunia of an exquisitely delicate steel-blue color, beautifully veined. Free flowering and very desirable in every way. Price. per pkt., 15c.

PRIMULA FORBESI (or Baby Primrose)

This is the freest flowering Primula we know of. The seed comes up very readily, and the little plants throw up tiny flower stalks when only a few weeks old. These, however, should be pinched off, and the plants kept growing until October, when the flowers may be allowed to develop, and from then on until late in spring they produce their sprays of beautiful rosy lilac flowers in seemingly never-ending profusion. Pkt., 20c.

DOLICHOS—PURPLE SOUDAN

No. 1125. A very curious and highly decorative climber. The twining stems are of an intense purple color, and the beautiful, sweet-pea-like flowers are produced during the entire summer. They are white and rose in color, contrasting strikingly with the dark foliage. Following the flowers there come beautiful, glossy, dark-red seed pods. These are very freely produced, and are a great ornament to the plant, it often happening that at the base of the pod two new flowers are produced, giving the plant a very curious and highly decorative effect. It stands heat well, and for covering porches, walls, trellises, etc., will be found very useful. At our "Floracraft Gardens," where this seed was grown, it attracted much favorable comment. Price, per pkt., 5c.



STAR PETUNIAS.

NEW STAR PETUNIAS

No. 2344. In form, intensity of color and markings, this new strain of Petunias is something wonderful. From the centre of each flower starts the points of a five-rayed star, which broadens half-way up, narrowing to a point at the margin of the flower.

Their ground color is a dark crimson maroon, with a rich velvety texture, justly pronounced equal to that of the pansy. Showing through the ground color are violet veinings.

This star is a very light bluish pink, some almost white, which deepens in color as it reaches the margin and finally blends with the maroon ground color. Over 80 per cent. of the plants from seed will produce the star markings. Others with veined and feathery markings on dark or light ground are not less surprisingly beautiful.

The plants are free growers, branching freely and attaining an average height of 18 inches by 24 inches in diameter.

They are remarkably prolific bloomers, single plants often having one hundred or more fully expanded flowers at a time. Per pkt., 15c.; 2 pkts., 25c.

EVERLASTING PEA—PINK BEAUTY

Lathyrus Latifolius Var.

A hardy perennial that will bloom from seed the first year.

No. 1743. Hitherto the ordinary Red and White Everlasting Peas have been the only kinds in commerce. We have now an entirely new variety, the color of which is a delicately shaded pink on the standard, the lacing on the edge being paler than the centre; the wings are deeper pink, of a very rich shade, giving it a very striking appearance. The trusses, as well as the individual flowers, are larger than the older varieties, and the character may be considered to be quite fixed. This novelty is an important addition to the few kinds of hardy perennial climbers, easily raised from seed, and is an invaluable plant for florists. Price, pkt., 5c.; per oz., 20c.

No. 1744. Everlasting Pea—Crimson. Pkt., 5c.

No. 1741. Everlasting Pea—Pure White. Pkt., 5c.



THE WILD-FLOWER GARDEN

No. 2960. Our Wild Flower Mixture consists of many varieties of beautiful, easy-growing flowers, producing a constant and varied bloom the whole season, for sowing in shrubbery, under trees and in beds on which no care will be bestowed, or even for sowing in exposed situations, where wildness is preferred to order and precision. The mixture comprises mignonne, candytuft, larkspurs, marigolds, poppies, foxgloves, and many other garden favorites, which will flower successively and yield an abundance of bloom. Large pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

NEW GLADIOLUS HYBRIDUS "PRINCEPS"

Hybrid between the rare African Gladiolus Cruentus and a selected Childsii seedling. Grows 4 feet high, with broad, healthy foliage. Spike erect and often 18 inches long, bearing 16 to 22 immense broad-petaled circular flowers, opening flat and perfect, 5 to 7 inches across. Color true Salvia scarlet with cream-white feathering on lower petals. Endures the sun and wind well, and opens perfectly to the last bud in water. Blooms normally in August, but may be had late in October by delaying planting. Forces splendidly. Has received an Award of Merit and Diploma of Honor at American Institute Fair, New York, 1901 and 1902, and Award of Merit, Royal Horticultural Society, London, England, 1901. Price per bulb, 50c.



OUR WILD FLOWER GARDEN AT FLORACROFT. FLOWERS TO CUT FROM APRIL TO NOVEMBER.

Grand Collection of New Dahlias



"TWENTIETH CENTURY." The new, orchid-flowered, single Dahlia. The flowers are very large; $4\frac{1}{2}$ to 6 inches in diameter, sometimes reaching 7 inches, of perfect form and exquisite finish. The color is intense deep rosy pink, with white disc around the yellow centre and white tips; a superbly beautiful and striking flower. As the season advances, the deep-colored zone changes into a pure, soft pink, when the color-contrasts are exquisitely lovely, and can be compared with no other flower except the beautiful orchids. The flowers cut on long stems and keep a longer time than any other Dahlia. The past season cut blooms sold in the open market at a much higher price than the finest roses. The plant is 5 feet tall, a vigorous, branching grower, with fern-like foliage, producing the flowers on long stems with buds and foliage. Price for strong, divided, field-grown roots, 50c. each; \$5.00 per dozen.

"BLACK DIAMOND." The grandest dark or black Dahlia yet produced. The flowers are very large, full, round, ball-like form and full to the centre. The color is very dark maroon, shading to black; it is one of the largest show Dahlias in existence, often measuring 5 to 6 inches in diameter. Price, 40c. each; \$4.00 per dozen.

"EUREKA." A seedling of Grand Duke Alexis and A. D. Livoni—one of the most valuable Dahlias yet produced, both as a blooming plant and for cut-flower purposes. The flowers are very large, of a deep rose color; fine regular form with quilled petals. In size and form it is intermediate between its parents, but has a full, high centre in marked contrast with the sunken centre of the latter. An early and extremely profuse bloomer on long stems, and should be in every collection. Price for strong roots, 40c. each; \$4.00 per dozen.

"PINK DANDY." A pure, pink sport of the fancy Dahlia "Dandy." A larger and finer pink than Livoni. The plant is a stronger grower and will produce more and longer stemmed blooms. The flowers are large; always perfectly full to the centre, the outer petals reflexing to the stem. The finest pink Dahlia grown. Price, 50c.

"RED HUSSAR." A grand flower of the purest cardinal red; full round form and always full to the centre. The plant is a strong, vigorous grower, of branching habit and an extremely profuse bloomer. Price, 25c. each.

"Collection Price."—One root each of the above five grand new Dahlias for \$1.25.



General List of Flower Seeds

PLEASE ORDER BY NUMBER

ABRONIA

40. **Umbellata**. Charming annual trailer for vases, rockwork, etc. Pkt., 5c.

45. **Abutilon**. Large bell-shaped flowers; various colors, richly veined. Mixed colors; tender perennial. Pkt., 10c.

50. **Acroclinum**. Mixed double flowering. An "everlasting" for winter bouquets. Pkt., 5c.



ACROCLINUM.

60. **Adlumia Cirrhosa** (Mountain Fringe or Allegheny Vine). A charming climber. Pkt., 10c.

AGERATUM

Annuals bearing a profusion of feathery flowers. Excellent for bedding in summer or pot culture in winter. Flowering profusely and continually; 2 feet high.

100. **Mexicanum**. Lilac blue. Pkt., 5c.

101. **Lasseauxii**. Beautiful rose color. Pkt., 5c.

102. **Choice Mixed**. Per oz., 25c.; pkt., 5c.

104. **White Gem**. Very dwarf, free flowering. Pkt., 5c.

105. **Little Dorrit**. Azure blue. Pkt., 5c.

106. **Swanley Blue**. Large flowers; fine. Pkt., 5c.

107. **Blue Perfection**. Very dark blue, dwarf, finest of all. Pkt., 5c.

109. **Princess Victoria Louise**. Novelty. Centre white, edged with blue. Very beautiful sort, dwarf. Pkt., 10c.

ALYSSUM

A garden favorite, flowering profusely throughout the season from spring-sown seed. Excellent for ribbon lines and edging. Very fragrant annual, 6 to 9 inches high.

140. **Sweet Alyssum**. Oz., 20c.; pkt., 5c.

141. **Tom Thumb**. Dwarf. Oz., 25c.; pkt., 5c.

142. **Little Gem**. Distinct, very dwarf. Oz., 40c.; pkt., 5c.

143. **Saxatile Compactum**. Perennial; yellow. Pkt., 5c.

144. **Carpet of Snow**. Pure white, only 2 to 3 inches high, a profuse bloomer, showing as many as 300 heads of snow-white flowers at one time on one plant; annual. Pkt., 6c.



BORDER OF ALYSSUM "CARPET OF SNOW."

AMARANTHUS

Ornamental foliage and flowering annuals. Very rapid growth and easy culture. For semi-tropical gardening they are very effective.

160. **Caudatus** (Love-lies-bleeding). Pkt., 5c.

161. **Tricolor** (Joseph's Coat). Pkt., 5c.

162. **Cruentus** (Prince's Feather). Pkt., 5c.

163. **Salicifolius** (Fountain Plant). Pkt., 5c.

164. **Henderi**. Bronze and olive-green. Pkt., 5c.

165. **Marguerite**. Beautiful, purple flowers. Pkt., 5c.

166. **Firebrand**. Blood-red, bordered yellow. Pkt., 5c.

AMPELOPSIS VEITCHII (Boston Ivy)

The Ampelopsis Veitchii is a hardy perennial climber from Japan, with beautiful, glistening, olive-green leaves, which turn a beautiful scarlet in the autumn. It is the best and most popular climber for covering stone or brick walls. 180. **Seed**, 10c. per pkt.; 25c. per oz. **Plants**, 20c. each; \$2.00 per dozen.

ANTIRRHINUM (Snapdragon)

Half-hardy perennials for the summer flower bed or border. Are very showy and flower the first season from seed. Two to three feet high.

220. **Nanum**. Dwarf, mixed. Pkt., 5c.

221. **Majus**. Tall mixed. Pkt., 5c.

222. **Niobe**. A beautiful new variety. Tips of the flowers are a velvety crimson maroon, while the tubes are pure white. Pkt., 10c.

223. **Queen of the North**. Large, pure white; fine for beds or borders. Pkt., 10c.

AQUILEGIA, OR COLUMBINE

Hardy perennials, luxuriating in the moister situations in the garden, where they form permanent clumps, growing from 1½ to 3 feet high. The large, unique, long-spurred flowers, gracefully hung on long stems, are not only brilliantly effective on the plant, but equally as desirable when cut for vase and house decoration.

240. **Single Varieties**. Mixed. Pkt., 5c.

241. **Double Varieties**. Mixed. Pkt., 5c.

242. **Chrysanthia** (Golden Spurred). Beautiful, long yellow spurs; fine. Pkt., 5c.

243. **Chrysanthia Alba**. Pure white, long spurred variety; very fine. Pkt., 10c.

244. **Skinneri**. A magnificent columbine, crimson sepals, light-green petals, and long crimson spurs. Pkt., 10c.

245. **Cœrulea**. Violet-blue and white. Pkt., 10c.

ARISTOLOCHIA (Dutchman's Pipe Vine)

Rapid, luxuriant, hardy perennial climber; large leaves, making dense shade; flowers yellow and brown, mottled and curiously shaped; 30 feet.

260. **Sipho**. A rapid-growing climber with curious purple flowers. Pkt., 10c.

261. **Elegans**. Like above, except flowers much larger and spotted white. A very desirable vine. Pkt., 10c.



ARCTOTIS GRANDIS. 10c.

ARCTOTIS GRANDIS

No. 250. A handsome new annual, growing luxuriantly in our climate and forming profusely branched bushes of about 2 to 2½ feet in height and breadth. Its flowers are large and showy, from 2½ to 3 inches across; pure white on the upper surface, embellished by a narrow yellow zone at their base; reverse of petals pale lilac. Pkt., 10c.



SUPERB ASTERS.



BED OF PEONY PERFECTION ASTERS AT FLORACROFT SEED GARDENS AND TRIAL GROUNDS.

PEONY FLOWERED PERFECTION ASTERS

A very favorite type. Thrifty upright plants; large, fine flowers, with long incurved petals. The Florists' Aster, and one of the finest.

	PER PKT.
321. Snow white	\$0 10
322. Glowing crimson	10
318. Brilliant rose	10
323. Azure blue	10
324. Purple	10
320. Carmine, edged white	10
325. Dark rose, " "	10
319. Blue, " "	10
826. Choice mixed sorts	10

DWARF CHRYSANTHEMUM FLOWERED ASTERS

Plants only ten to twelve inches high, producing flowers of the largest size and choicest colors.

	PER PKT.
327. A. Chrysanthemum Flowered, mixed	\$0 10
328. A. Chrysanthemum Flowered, pure white	10

VICTORIA ASTERS

A magnificent race of Asters. The colors include many delicate and some gorgeous shades; flowers very double and four inches across, and from twenty to thirty in a single plant; fifteen to eighteen inches high.

	PER PKT.
355. Pure white	\$0 10
356. Deep pink	10
357. Light blue	10
358. Deep scarlet	10
359. Peach blossom	10
360. Choice mixed sorts	10

COMET OR PLUME ASTERS

A very beautiful and distinct class, with long curled and twisted petals formed into a loose yet dense half globe, resembling the Japanese Chrysanthemum.

	PER PKT.
345. Pure white	\$0 10
346. New carmine	10
348. Deep pink	10
349. Delicate pink, edged white	10
347. Choice mixed sorts	10

GERMAN QUILLED ASTER

Flowers composed of tube or quill-shaped petals. Very beautiful, with a great variety of colors.

	PER PKT.
331. German Quilled. (Betteridge's Prize) Mixed	\$0 05
332. " " Pure white	05

DEEP SCARLET TRIUMPH ASTER

333. This is undoubtedly the most beautiful and perfect of all dwarf Asters. Each plant forms an elegant bouquet of itself, seven or eight inches high. The flowers measure from two and one-half to three inches across, of faultless form. The color is rich, brilliant scarlet; each plant bears at least thirty or forty flowers of exquisite beauty. Pkt., 10c.

NEW JEWEL OR BALL ASTER

A magnificent new class. The flowers are perfectly round or ball-shaped. Nine inches in circumference, the petals being short and incurved. Plants grow about 2 feet high, of steady habit.

	PER PKT.
351. Apple Blossom. Shell pink	\$0 10
352. Crimson. Very showy and handsome	10
353. Deep Rose. An excellent color	10
1 pkt. each of these 3 Glorious Asters, 25c.	
354. New Jewel. Mixed colors	10

QUEEN OF THE MARKET ASTER

The earliest Aster known, two to three weeks ahead of most of the other sorts, of dwarf branching habit, very double flowers, valuable for cutting. A favorite Florist's Aster for early market. White, rose, crimson, light blue and mixed. Per pkt., 10c.

NEW BRANCHING ASTERS

The new Branching Aster is quite different in several respects from any Aster known. The branching habit is accompanied with great vigor of growth and profusion of bloom. The flowers are of extraordinary size and exceedingly graceful, and are borne erect on very long stems.

	PER PKT.
310. White Branching Aster	\$0 10
311. Crimson Branching Aster	10
313. Shell Pink Branching Aster	10
312. Finest Mixed Branching Aster	10

NEW DWARF QUEEN ASTER

The dwarf, bushy plants grow only 10 to 12 inches high, and while branching very freely, the branches are upright (not loose in habit), making a dense compact bush. The flowers are of extraordinary size, perfectly double, and resemble the finest Victoria Asters in form.

	PER PKT.
335. Satin White Queen. Spotless white	\$0 10
336. Crimson Queen. Rosy crimson	10

NEW PEARL ASTER

This entirely new and distinct class of Asters is superior to most other types. The plants form handsome pyramids about 15 inches high, and are literally covered with a mass of the most perfect flowers, round in shape and $3\frac{1}{2}$ to 4 inches in diameter, finely and fully imbricated, and borne on long stems.

	PER PKT.
337. New Pearl. Mixed	\$0 10
338. " " Pure white	10

CROWN ASTER

339. The centre of each flower is white, surrounded by a broad margin of color, such as crimson, rose, violet, etc.; flowers large and freely produced; height, 18 inches to 2 feet. Pkt., 10c.; 3 pkts., 25c.

NEW YELLOW ASTER

361. A Yellow Aster is at last at our disposal. It is a double flower in the form of a perfect ball; the quills are close together, and of the brightest sulphur-yellow, not a mere indication of the color, as in all former productions. The border petals are broad and of a lighter tint, seeming to enclose the flower like an old-fashioned bouquet paper. The flowers are borne upon long, erect stems, excellent for cutting. The plants are 12 to 15 inches high, of compact, bushy growth, and most abundant bloomers. Per pkt., 10c.; 3 pkts. for 25c.

POPULAR MIXTURE OF ASTERS

362. This is a mixture of all the best varieties of Asters suitable for cut flowers, consisting principally of white, pink and the brightest of red, with a small proportion of blue and purple and some intermediate shades. This mixture, being made by ourselves, we know contains only the most salable colors for cut-flower use, and offer it as a good substitute for the higher-priced separate colors. Large pkt., 15c.; oz., \$1.25.

363. White Asters in Mixture. This mixture is made up by ourselves of all the white-flowering Asters suitable for cut flowers, and includes Giant Comet Snow and White Branching. Large pkt., 15c.; oz., \$1.50.

**ASPERULA**

A profuse blooming plant, bearing many clusters of small, sweet-scented flowers; very pretty for bouquets. Hardy annual.

300. **A. Odorata** (*Sweet Woodruff*). Pkt., 5c.
301. **A. Setosa**. Sky blue. Pkt., 5c.

AURICULA (*Primula Auricula*)

350. **Choice Mixed**. Saved from a choice collection. Pkt., 10c.

BALLOON VINE

340. A rapid-growing handsome summer climber, small white flowers, followed by inflated seed vessels shaped like small balloons, 10 to 15 feet; annual. Pkt., 5c.



BALSAM, ALBA PERFECTA.

BALSAM

(*Lady Slipper*)

The old garden favorite, marvelously improved.

380. **White Perfection**. The finest; pure white. Pkt., 10c.

381. **Double Scarlet** (*The King*). Pkt., 10c.

387. **Double Pink** (*Peach Blossom*). Pkt., 10c.

385. **Double Solferino**. Striped. Pkt., 10c.

384. **Double Mixed** Sorts. Pkt., 5c.

386. **Royal Camellia Flowered, Prize Mixed**. A fine strain of very double flowers of exquisite shades. Pkt., 10c.

388. **Improved Camellia Pure White** (*Alba Perfecta*). A really pure white; very double Balsam has long been a desideratum both for the private planter

and the practical florist. Our stock of this grand acquisition is absolute perfection in snow-white color, size of bloom, doubleness and symmetry of plant. Price, per pkt., 10c.

BEGONIA (*Tuberous-Rooted*)

Magnificent flowering plants. The single varieties are a revelation in color and size, measuring 6 to 9 inches in circumference, and the double are as fine as the choicest roses in coloring and form.

420. **Single Large Flowering, Mixed**. Pkt., 15c.
421. **Double** " " " " " " 25c.

BEGONIA

(*Fibrous-Rooted*)

422. **Rex Hybrids**. Large, ornamental leaved plants, very rich and decorative. Pkt., 25c.

423. **Vernon**. Flowers waxy, blood-scarlet, borne in immense quantities; fine foliage, green at first, turning red. Pkt., 10c.

BROWALLIA

(*Amethyst*)

Handsome annuals with blue and white flowers, completely studding the bushy plants all summer; 1½ feet.

470. **Elata Coerulea**. Sky blue. Pkt., 5c.

471. **Elata Alba**. Pure white. Pkt., 5c.

472. **Mixed Varieties**. Pkt., 5c.

473. **Speciosa Major**. A new variety, with flowers much larger than the old sorts and of much deeper color; very profuse bloomer. Pkt., 10c.

CACALIA (*Tassel Flower*)

480. **C. Mixed**. Golden yellow and scarlet. Pkt., 5c.
481. **C. Coccinea**. Scarlet. Pkt., 5c.

CANARY BIRD FLOWER

490. (*Tropæolum Canariense*). A beautiful climber. Pkt., 5c.

CALCEOLARIA

Gorgeous plants for greenhouse and window decoration; the large pocket-shaped flowers are borne in the greatest profusion through spring and summer; colors: yellow, maroon, crimson, etc.; spotted and blotched in the most unique fashion; 1½ feet.

520. **C. Hybrida Grandiflora**, Tall Mixed. 20 in. Pkt., 25c.

521. **C. Hybrida Grandiflora Pumila Compacta, Mixed**. A new strain, dwarf and compact, producing large and brilliant self-colored and spotted flowers; 1 foot. Pkt., 25c.

522. **C. Rugosa**. Small flowering varieties for bedding, of the finest colors; 2 feet. Pkt., 25c.

523. **James's Giant**. This strain of Calceolaria will be found without a peer. It contains the most brilliant colorings of the tigered, mottled, spotted and variegated varieties that we know of. Compact in growth and vigorous in constitution. Pkt., 85c.

CALENDULA (*Marigold*)

Profuse blooming, dwarf, bushy annuals; of easy culture and flowering till frost.

544. **"Orange King"**. The grandest of all the double Pot Marigolds. The color is a rich, dark orange, decidedly more striking than that of Prince of Orange. Pkt., 5c.

545. **"Lemon Queen"**. Just as fine as the Orange King, but a clear lemon-yellow. Pkt., 5c.

540. **Meteor**. Double yellow, striped orange. Pkt., 5c.

541. **Prince of Orange**. Pkt., 5c.

542. **Ranunculoides, Fl. Pl.** (*Cape, or Garden Marigolds*). Deep orange color; 1 foot. Pkt., 5c.

543. **Calendula**. Fine mixed. Pkt., 5c.; oz., 15c.



CAMPANULA OR CANTERBURY BELLS.

CAMPANULA (*Canterbury Bells*)

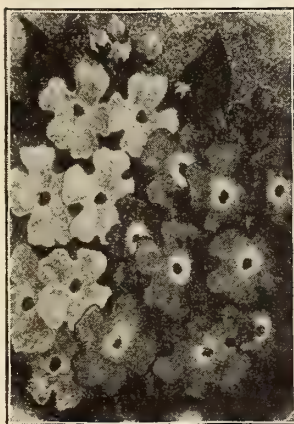
601. **Single Mixed**. Pkt., 5c.
602. **Double Mixed**. Pkt., 5c.

604. **CUP and SAUCER Varieties**. Are a very striking and beautiful variety of **Canterbury Bells**. The flowers are large and resemble a cup and saucer. Colors are mixed blue, blue, rose, lilac and white. Pkt., 5c.

606. **Pyramidalis, Mixed**. A grand sort, known as the "Pyramidal Bell Flower." Color, blue or white; plants grow about 4 feet high, of elegant pyramidal form, bearing thousands of exquisite bell-shaped flowers. Pkt., 5c.

600. **Speculum**. (*Venus' Looking Glass*). Pkt., 5c.

603. **Carpatica**. Mixed. Pkt., 5c.



BROWALLIA, SPECIOSA MAJOR.

**CANDYTUFT** (*Iberis*)

Half-hardy annual of low growth and very free flowering. The plants bloom early from seed and continue a long time in bloom. Useful for bedding and for cutting.

620. **White Fragrant.** Pure white, pinnated foliage. 1 ft. Pkt., 5c.; oz., 20c.

621. **Crimson.** Very beautiful; 1 ft. Pkt., 5c.; oz., 20c.

622. **WHITE ROCKET.** Large trusses of pure white flowers; 1 ft. Pkt., 5c.; oz., 20c.

623. **White Tom Thumb.** A new dwarf variety, growing about 6 inches high, branching into a handsome bush, about 16 inches in diameter. Pkt., 5c.; oz., 20c.

624. **Fine Mixed.** Pkt., 5c.; oz., 20c.



CANDYTUFT, "NEW EMPRESS."

625. **NEW EMPRESS.** One of the finest varieties of recent introduction. The plant is of a very branching habit, and assumes, when fully grown and covered with its large trusses of pure white flowers, a very handsome candelabrum-like aspect. Pkt., 10c.; oz., 30c.

CANNAS

645. **Crozy's Dwarf Large Flowering French.** In this new class of Cannas the foliage is luxuriant and the plants dwarf in habit. Their great merit, however, lies in the large size and brilliant hues of the flowers, ranging through all shades of yellow and orange to the richest crimson, scarlet and vermillion; some are also beautifully spotted. **Mixed.** Pkt., 5c.; oz., 20c.

640. **C. Marechal Vaillant.** Foliage rich maroon; large, bright orange flowers; 5 ft. Pkt., 5c.

641. **Tricolor.** Foliage green, red and creamy yellow; bright scarlet flowers; 3 ft. Pkt., 5c.

642. **Finest Mixed.** Embracing twenty of the best sorts. Pkt., 5c.; oz., 10c.

643. **C. Gigantea.** 8 ft. Pkt., 5c.

CARNATION, OR PICOTEE PINK

663. **Marguerite Carnations.** Without exception, these are the most abundant bloomers of all the Carnation Pinks. The flowers are of brilliant colors, ranging through many beautiful shades of red, pink, white, variegated, etc.; they are of perfect form and large size. *Those sown in spring commence flowering in early summer, and continue to bloom in lavish profusion until checked by frost.* Pkt., 10c.; 3 pkts., 25c.

666. **NEW DWARF LARGE FLOWERING MARGUERITE.** An improvement on the above in size of flower, dwarfer and more stocky plants. Per pkt., 15c.

660. **Scarlet Grenadin.** Very early and floriferous; large double flowers, of a brilliant scarlet color. Pkt., 10c.

661. **Finest German Double Mixed.** Saved from extra choice named double flowers. Pkt., 15c.

662. **Fine Double Mixed.** Comprising the hardiest and best varieties for garden culture: 1½ ft. Pkt., 10c.

664. **FINEST DOUBLE STRIPED.** Pkt., 10c.

665. **THE GILLAUD, or RIVIERA MARKET.** The Gillaud Pinks bloom profusely in the summer and autumn from spring-sown seed. The flowers are very large, of perfect shape, very fragrant. They contain flowers of clear yellow and others with yellow stripes. Pkt., 20c.

667. **NEW DOUBLE PERPETUAL** (*Chabaud*). As early as the Marguerite Carnation, this new sort will be found invaluable for florists. *The stalks are very stiff and the flowers large and very double. The calyx rarely ever bursts, and the percentage of double flowers is very great.* Pkt., 15c.

Celosia (**Coxcomb**)

Very popular annuals of the easiest culture, producing large, ornamental, comb-like heads; useful both for summer bedding and pot plants as well.

CRISTATA, OR CRESTED VARIETIES

675. **DWARF CRIMSON.** Large combs. Pkt., 5c.

676. **VARIEGATA.** Crimson and gold. Pkt., 5c.

677. **JAPONICA.** Ruffled scarlet combs. Pkt., 5c.

678. **GLASGOW PRIZE.** Immense crimson. Pkt., 5c.

680. **QUEEN OF THE DWARFS.** Only 8 inches high; combs often 10 inches across; dark scarlet. Pkt., 10c.

681. **EMPRESS.** Mammoth bright purple combs; bronze foliage. Pkt., 10c.

674. **PRESIDENT THIERS.** Very dwarf, crimson. Pkt., 5c.

679. **CRISTATA.** Mixed; all sorts. Pkt., 5c.



OSTRICH FEATHER CELOSIA.

FEATHERED VARIETIES

683. **TRIOMPHE d'EXPOSITION.** Large, feathery, crimson plumes. Pkt., 10c.

684. **FIRE FEATHERED.** Very branching, intense orange scarlet. Pkt., 5c.

673. **PLUMOSA SUPERBA.** Mixed. Pkt., 5c.

682. **OSTRICH FEATHER.** This new Feathered Celosia produces very large plumes, which are exquisitely curved and curled in exact resemblance to an ostrich feather. Pkt., 10c.

CENTAUREA

(*Dusty Miller*)

Extensively used for margins, beds and vases. Half-hardy perennial.

685. **Candidissima.** Attractive, silvery, cut leaves; 1 ft. Pkt., 10c.

686. **Gymnocarpa.** Graceful, finely cut, silvery gray leaves. 1½ ft. Pkt., 10c.

CENTAUREA

Blue Bottle or Corn Flower

688. **BLUE.** Per pkt., 5c.

689. **WHITE** (*Alba Pura*). Per pkt., 5c.

690. **DWARF VICTORIA.** Very dwarf, beautiful for borders. Per pkt., 10c.



CENTAUREA.

CHRYSANTHEMUMS

Single Annual Varieties.

Summer blooming annuals, growing 12 to 18 inches high, very floriferous and effective for beds or cut blooms.

704. **Selected Mixed Varieties.** Comprising a full assortment of single and double varieties with the richest variety of colors, rich crimson, golden yellow, striped and mottled. Pkt., 5c.

708. **C. MAXIMUM.** A grand addition to our collection of choice hardy perennials. Its beautiful snow-white flowers are produced in great abundance the whole season, and as cut flowers they are unexcelled in lasting qualities. Pkt., 10c.; 3 pkts., 25c.



SINGLE ANNUAL CHRYSANTHEMUM.

**CINERARIA**

Magnificent and indispensable flowering plants for spring decoration for the conservatory or window garden. The flowers measure 2 to 3 inches across, are of white, blue, violet and crimson shades, covering the plant with a sheet of bloom.



CINERARIA "JAMES' GIANT."

742. **James' Giant Flowering.** An unrivaled strain, both in variety of color and marking and size and quality of bloom. Blooms measure $2\frac{1}{2}$ to $2\frac{3}{4}$ inches in diameter. Pkt., 35c.

740. **Maritima Candidissima** (*Dusty Miller*). Pkt., 5c.
741. **Acanthifolia** (*Dusty Miller*). Pkt., 5c.

CLARKIA

Charming annuals for flower beds, with colors, white, rose red, purple, etc., borne in profusion during the summer.

761. **Elegans** (*Purple King*). Pkt., 5c.
760. **Single Mixed.** Pkt., 5c.
762. **Double Mixed.** Pkt., 5c.

CLEMATIS

Hardy Perennial Climbers

780. **Jackman's Large Flowering Hybrids.** Pkt., 10c.

781. **Coccinea Scarlet.** Tubular flowers. Pkt., 10c.
783. **Flammula.** White, sweet scented. Pkt., 5c.

784. **Paniculata.** One of the finest; fine white flowers; strong grower; very hardy. Pkt., 10c.

CLEOME PUNGENS

800. A showy annual, producing curious heads of flowers, of bright rose color, with long stamens, giving it the name of the **Giant Spider Plant**. Pkt., 5c.



COBÆA SCANDENS.

CLINTONIA

820. **Elegans.** For hanging baskets; blue. Pkt., 5c.

COBÆA

840. **Scandens.** A beautiful rapid-growing climber, with handsome foliage and large bell-shaped flowers, green at first, changing to beautiful deep violet blue. Half hardy perennial; 20 to 30 ft. Pkt., 10c.; 3 pkts., 25c.

COMMELINA

900. **Celestis.** An erect plant, producing pretty sky-blue flowers in great profusion. Roots should be preserved like dahlias; its beauty will increase from year to year; $1\frac{1}{2}$ ft. Half-hardy herbaceous perennial. Pkt., 5c.

CROTALARIA RETUSA

(*West India Rattle Box*)

938. This is a low-growing, profusely branching plant, every branch and branchlet ending in racemes 6 to 10 inches long, of beautiful, large, sweet-pea-like flowers. Pkt., 10c.

COREOPSIS

Very showy, free-flowering plants, natives of this country; fine for borders and beds; easily cultivated. Hardy annuals.

560. **C. Drummondii.** Yellow, with a circle of rich crimson brown; 1 ft. Pkt., 5c.

561. **C. Atrosanguinea.** Dark crimson; 2 ft. Pkt., 5c.

562. **C. Mixed.** Pkt., 5c.; oz., 20c.

563. **Coreopsis Lanceolata.** The flowers of this charming new hardy perennial are borne on long stems and are of a lovely bright golden-yellow color. Pkt., 10c.

564. **Calliopsis Golden Wave.** Pkt., 5c.; oz., 20c.



COREOPSIS.

COSMOS

932. **Mammoth Perfection.** Very large flowering; petals deeply ribbed and of splendid substance; mixed colors. Pkt., 10c.

931. **Pearl.** Beautiful snow white. Pkt., 5c.

930. **Cosmos Hybrids.** Mixed sorts. Pkt., 5c.

934. **Dawn.** New early blooming. Comes into flower in July, and continues a mass of bloom until cut by frost. Price, per pkt., 10c.



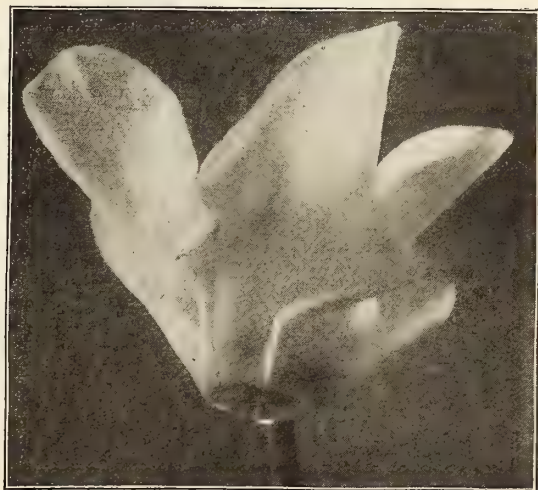
NEW EARLY BLOOMING COSMOS, "DAWN."

CUPHEA (*Cigar Plant*)

940. **C. Hookeriana Grandiflora Superba.** Beautiful vermillion and orange color; 4 ft. Pkt., 10c.

941. **C. Miniata.** Curious flowers of a bright vermillion, with a centre of reddish violet; $1\frac{1}{2}$ ft. Pkt., 10c.

942. **C. Platycentra.** Scarlet. Pkt., 10c.



CYCLAMEN GIGANTEUM.

CYCLAMEN

960. **Persicum.** Finest mixed. Pkt., 10c.

961. **Giganteum.** Mixed. Pkt., 25c.

Giganteum in separate colors, viz.: **White, Red, Rose,** and white with carmine eye. Each, per pkt., 25c.



CYPRESS VINE.

CYPRESS VINE

A summer climbing annual with fine feathery foliage and pretty star-shaped flowers.

980. Crimson. Pkt., 5c.
981. White. Pkt., 5c.
982. Mixed sorts. Pkt., 5c.
983. Scarlet, Ivy Leaved. Pkt., 5c.

DAHLIA

Although perennials, these flower freely the same season from seed, if sown early.

1000. **Choice Double Varieties.** Mixed. Pkt., 10c.

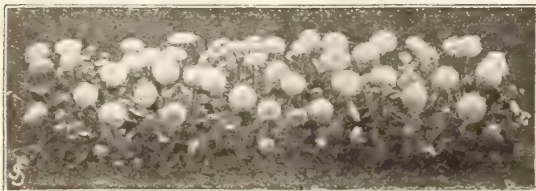
1001. **Choice Single Varieties.** Mixed. Pkt., 10c.

1002. **Cactus Dahlia.** Mixed. These double dahlias have their petals quilled and curved loosely and gracefully. Pkt., 10c.

DAISY (*Bellis Perennis*)

Well-known favorites; admirably adapted for edgings, borders and low beds, and also well suited for growing in pots. Although perennials, they will flower the same season if the seed is sown early in the house, though it is preferable to sow it in the fall, and winter the plants over in cold frames; ½ foot. (*See cult.*)

1020. **Double.** Mixed. Pkt., 10c.
1022. **Longfellow.** Double pink. Pkt., 10c.
1023. **Snowball.** Double white. Pkt., 15c.
1024. **New Giant Double Mixed.** Beautiful imbricated flowers: 1½ to 2 inches in diameter. Pkt., 15c.



BED MAMMOTH WHITE DOUBLE DAISY "SNOWBALL."

DATURA

Strong growing ornamental annuals, with very large showy flowers; 2 to 3 feet high.

1040. **Fastuosa, Fl. Pl.** Mixed. Pkt., 5c.
1041. **Wrightii.** Large, single, white. Pkt., 5c.
1042. **Fastuosa Alba.** Double, white. Pkt., 5c.
1043. **Cornucopia** (*Horn of Plenty*). A grand variety; immense trumpet-shaped flowers with three cones or funnels, one within the other; French white on inside, marbled with royal purple on the outside. Pkt., 10c.

No. 1044. **New Golden Queen.** A magnificent plant for open ground, with most brilliant golden-yellow flowers of enormous size, many of them 10 inches long. Pkt., 10c.

DELPHINIUM (*or Hardy Larkspurs*)

Handsome and hardy perennials, with splendid flowers, very showy and indispensable for hardy beds or borders.

1060. **D. Formosum.** Brilliant blue with a white centre. Pkt., 5c.
1061. **Nudicaule.** Bright scarlet flowers, with clear yellow petals. Pkt., 10c.
1064. **Finest Mixed Hybrids.** Pkt., 5c.
1066. **D. Elatum.** Bee Larkspur. Pkt., 5c.

1067. **D. Chinensis.** Blue Larkspur. Pkt., 5c.

1068. **D. Sulphureum.** A most beautiful sulphur-yellow Delphinium. Pkt., 10c.



DATURA, "GOLDEN QUEEN."

DIANTHUS OR PINKS

The family of "Pinks" is unrivaled for brilliancy and rich variety of color; blooming profusely until late in the autumn, rendering them one of the most satisfactory of all our annuals for garden decoration. Height about 1 foot.

DOUBLE ANNUAL VARIETIES

1080. **D. Chinensis, Fl. Pl.** (*China Pink*). Large, double, fragrant flowers; mixed. Pkt., 5c.; oz., 25c.
1081. **Heddewigii Diadematis, Fl. Pl.** (*Double Diadem Japan Pink*). Densely double flowers, 3 inches in diameter; beautiful tints of crimson, lilac, purple; outer edges fringed with white; 6 inch. Pkt., 5c.; oz., 75c.
1084. **D. Imperialis.** Double imperial pink. Pkt., 5c.
1085. **D. Laciniatus, Fl. Pl.** (*Double Fringed Japan Pink*). Large, double, showy flowers, with fringed edges; various colors and beautifully striped. Pkt., 5c.
1092. **Mourning Cloak.** Rich blackish velvety crimson, margined with pure white. Pkt., 10c.



DIANTHUS "NEW HYBRIDS." Pkt., 10c.

SINGLE ANNUAL VARIETIES

1094. **Dianthus Laciniatus Nanus "New Hybrids."** This is a grand new strain of the annual Pinks, with lacinated or fringed petals. The flowers vary in shade from white to deep rose and even to purplish red, are all tinged more or less with bright salmony red or salmony scarlet. The plants grow only about 10 inches high, and are remarkable for their free flowering character. Price, 10c. per pkt.

1086. **Crimson Belle.** Magnificent large, single fringed flowers of lustrous velvety crimson. Pkt., 5c.

1087. **Eastern Queen.** Immense single flowers, beautifully fringed, marbled and suffused with carmine, rose, mauve and lilac. Pkt., 5c.

1088. **Snowflake.** Snow-white; exquisitely fringed. Pkt., 5c.

1089. **Laciniatus, Mixed Colors.** Single fringed. Pkt., 5c.

1090. **Heddewigii, Mixed Colors.** Single Japan Pinks. A magnificent strain, the flowers averaging 2 to 3 inches across, of many exquisite colors. Pkt., 5c.

1093. **Salmon Queen.** A new variety, of a most brilliant salmon color. Pkt., 10c.

HARDY PERENNIAL VARIETIES

1082. **Dianthus Plumarius** (*Pheasant Eye*). A beautiful, single, hardy pink, with fringed-edged white flowers, with a dark centre. Pkt., 5c.

1083. **Plumarius, Fl. Pl.** Double and semi-double varieties in beautiful colors. Pkt., 10c.

1091. **Fine Garden, or Clove-scented Pinks** (*Hor-tensis Varieties*). Beautiful double mixed colors. Pkt., 10c.



FOXGLOVE, GLOXINIA FLORA.

Pkt., 5c.

1183. **Mandarin.** Inner side of petal rich orange, outside brilliant scarlet. Pkt., 5c.1182. **Single Mixed.** All colors. Pkt., 5c.1184. **Double Mixed.** All colors. Pkt., 5c.

ESCHSCHOLTZIA MANDARIN.

Pkt., 5c.

1242. **Gomphrena, Mixed** (*Bachelor's Buttons*). Pure white, crimson, orange and variegated colors. Pkt., 5c.

HELICHRYSUM.

DIGITALIS OR FOXGLOVE

Beautiful, hardy perennials of easy culture. Long spikes of showy flowers, many beautifully spotted; height, 3 to 5 feet.

1120. **Mixed Colors.** Pkt., 5c.1121. **Gloxiniæ Flora.** Gloxinia-shaped flowers, a lovely type. Pkt., 5c.**ESCHSCHOLTZIA**or **California Poppies**

A beautiful annual of easy culture. Bloom soon after spring-sown seed and continue till late in the autumn. Height, 1 foot.

1180. **California.** Yellow and Orange. Pkt., 5c.1181. **Rose Cardinal.** Rich rosy purple.**EVENING PRIMROSE**(*Oenothera*)

2260. Delicate pale yellow flowers. Pkt., 5c.

EVERLASTING FLOWERS

These are very popular and desirable for winter decorations, bouquets, wreaths, etc. They should be cut when they come into full bloom, tied into bunches and dried in the shade, with their heads downward.

1240. **Acroclinium Roseum**, Fl. Pl. Bright rose, double. Pkt., 5c.1241. **Ammobium Alatum Grandiflorum.** A leading everlasting; flowers very large and pure white color.1243. **Helipterum Humboldtianum** (*Sanfordi*). Large clusters of bright, golden yellow flowers. Pkt., 5c.1244. **Helichrysum, Finest Mixed.** Large, beautiful, very double, white, yellow, scarlet. Pkt., 5c.1245. **Rhodanthe, Finest Mixed.** Very rich colors of rose, crimson, purple, carmine and white. Pkt., 5c.1246. **Xeranthemum.** Leaves silvery, brilliant colors of purple, rose and white flowers; 2 ft. Pkt., 5c.**FERNS**1280. **Choice Mixture for Greenhouse Cultivation.** Pkt., 15c.1281. **Hardy Mixture.** Comprising the most desirable hardy sorts for outdoor culture. Pkt., 15c.**GAILLARDIA**

Beautiful annuals for the flower garden. Very effective grown in masses. Large flowers produced from early summer till frost. 1 to 2 feet high.

1300. **G. Picta Lorenziana.** Sulphur, golden, bright yellow, orange, claret and amaranth. Pkt., 5c.1301. **G. Picta Grandiflora.** Large flowers of rich crimson and yellow. Pkt., 5c.1302. **Picta Nana** (*Painted Lady*). Showy crimson, bordered with yellow. Pkt., 5c.**GERANIUM**

Although perennials, they will produce nice bushy plants and flower from seed the same season.

1320. **G. Zonale,** Mixed. Pkt., 10c.1321. **Apple-Scented.** Very fragrant. Pkt., 10c.**GILIA**1340. **Tricolor.** Handsome dwarf, hardy annual. Producing its orange-yellow flowers in great abundance; 1 foot. Pkt., 5c.**GLOXINIA**

Charming greenhouse plants. Flowers of most exquisite and gorgeous colors, beautifully spotted, mottled and blended. PER PKT.

1380. **Grandiflora.** Choice mixed sorts \$0 251381. **Grandiflora Erecta.** Mixed; erect flowers 251384. **Grandiflora, Spotted and Tigered** 251385. **Scarlet Defiance.** Intense scarlet flowers 25**GODETIA**

Exceedingly handsome and showy annuals, of dwarf, compact growth, about 1 foot high, bearing freely large flowers 3 to 4 inches across, of exquisite colors and shades that glisten in the sunlight like satin. (*See Cut.*)

1400. **Lady Satin Rose.** Crimson, tinged, pale lilac. Pkt., 5c.1401. **Bijou.** Dwarf, white flowers, with carmine spot on each petal. Pkt., 5c.1403. **Lady Albemarle.** Large crimson rose. Pkt., 5c.1402. **Choice Mixed Varieties.** Pkt., 5c.**GOURDS**

Mixed Ornamental. A choice assortment. Pkt., 10c.; 3 pkts., 25c.

For other varieties of Gourds, see vegetable list, page 30.

GRASSES (ORNAMENTAL)1440. **Agrostis Nebulosa.** Pkt., 5c.1441. **Avena Sterilis** (*Animated Oats*). 2½ ft. Pkt., 5c.1442. **Briza Maxima** (*Rattlesnake Grass*). 1 ft. Pkt., 5c.1443. **Coix Lachryma** (*Job's Tears*). 2 ft. Pkt., 5c.1444. **Erianthus Ravennæ.** Very ornamental; 10 ft. Pkt., 5c.1445. **Gynierum Argenteum** (*Pampas Grass*). 10 ft. Pkt., 5c.1446. **Hordeum Jubatum** (*Squirrel-Tail Grass*). Pkt., 5c.1447. **Zea Japonica Variegata** (*Variegated Japanese Maize*). Striped gold and white. Pkt., 5c.1448. **Stipa Pennata** (*Feather Grass*). 2 ft. Pkt., 5c.1449. **Eragrostis Flegans** (*Love Grass*). 1 ft. Pkt., 5c.1450. **Eulalia Zebriana** (*Zebra Grass*). 7 ft. Pkt., 5c.

PURPLE FOUNTAIN GRASS.

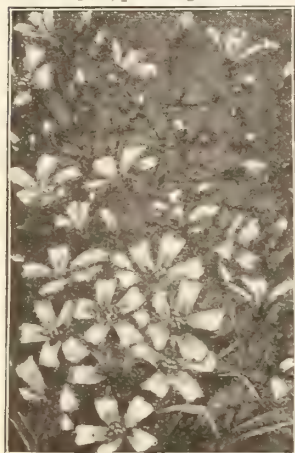
PURPLE FOUNTAIN GRASS(*Pennisetum Ruppelianum*)

1451. Decidedly the most ornamental, decorative grass ever introduced, and will be found as useful for room, hall or table decoration as many a palm. Fine purple plumes a foot long. Pkt., 10c.

GREVILLEA ROBUSTA1460. (*Silk Oak*). Beautiful and graceful fern-leaved foliage plant. Pkt., 10c.

**GYPSOPHILA**

Dainty free flowering plants of easy culture. Fine for mixing in bouquets, giving them an airy-fairy look that is charming; $1\frac{1}{2}$ feet high.



GYPSOPHILA.

imense clusters; very fragrant. Pkt., 10c.

HIBISCUS (*Marsh Mallow*)

1540. **Africanus**. Creamy yellow, with purple centre. Pkt., 5c.
 1541. **Palustris**. Large pink flowers. Pkt., 5c.
 1542. **Californicus**. Large, white, carmine centre. Pkt., 10c.
 1543. **Sunset**. Very large, yellow, fine. Pkt., 10c.

HOLLYHOCK

Grand summer and autumn flowering plants. Old inhabitants of our garden, but marvelously improved of late years both in doubleness and enlarged size.



CHATERS' PRIZE DOUBLE HOLLYHOCKS.

- Chaters. Prize Double, Red.** Pkt., 10c.
 1562. " " " Pink. Pkt., 10c.
 1560. " " " White. Pkt., 10c.
 1561. " " " Yellow. Pkt., 10c.
 1558. " " " Salmon. Pkt., 10c.
 1559. " " " Crimson. Pkt., 10c.
 1563. " " " Mixed. Pkt., 10c.

New Mammoth Flowering "Allegheny Hollyhocks"

1564. The flowers of this new variety are so different from the old conventional ones that but for the similar habit of the plant it would not be taken for a Hollyhock.

They are from 4 to 6 inches in diameter, ranging from semi-double to double, and finely fringed and curled.

The colors are shell pink, rose and ruby red, a shade or two deeper at the centre, and exquisitely tinted towards the edge. Price, per pkt., 15c.; 2 pkts., 25c.

HUMULUS JAPONICUS OR JAPANESE HOP

1620. Very ornamental and fast growing annual climber from Japan. Pkt., 5c.

1621. **Humulus Japonicus Variegatus**. A beautiful variety with variegated foliage, resisting heat and the ravages of insects. Pkt., 10c.

KENILWORTH IVY

1780. A very neat climber, clings to walls and is a valuable plant for hanging-baskets, vases, etc. Pkt., 10c.

LANTANA

1720. Rapid-growing, constant blooming, tender perennial plants for pot culture in the winter or garden decoration in the summer; clusters of orange, white, pink, etc.; mixed colors; 1 to 3 feet. Pkt., 10c.

LARKSPUR

Quick-growing, free-flowering annuals.

1065. **Dwarf German Rocket**. Hyacinth-flowered Larkspur; mixed. Pkt., 5c.

1063. **Emperor Larkspur**. Has beautiful, long spikes of brilliant dark blue, tricolor and red striped; double flowers. Pkt., 5c.

LATHYRUS

Everlasting or Hardy Sweet Peas. Hardy climbers, growing 6 to 8 feet high when trained on a trellis. The flowers are borne in large clusters, but have no fragrance; a beautiful plant.

1740. **Latifolius Red**. A handsome free-flowering plant; useful for covering trellises, old stumps, fences, etc. Flowers a beautiful scarlet. Pkt., 10c.

1741. **Latifolius Albus**. Large clusters of pure white; grand, hardy, low climber. Pkt., 10c.

1742. **Splendens**. A fine novelty from California, bearing dense clusters of brilliant deep rose flowers. Pkt., 10c.

LOBELIA (*Compacta Varieties*)

Compact plants, 4 to 6 inches high, forming little mounds of bloom.

1840. **Crystal Palace**. Rich blue. Pkt., 10c.

1839. **White Gem**. Snow white. Pkt., 10c.

1838. **Prima Donna**. Crimson maroon. Pkt., 10c.

1846. **Golden Queen**. Yellow foliage, brilliant blue flowers. Pkt., 10c.

1837. **Royal Purple**. Pkt., 10c.

1845. **Mixed Compacta Varieties**. Pkt., 5c.

Erinus, or Trailing Varieties.

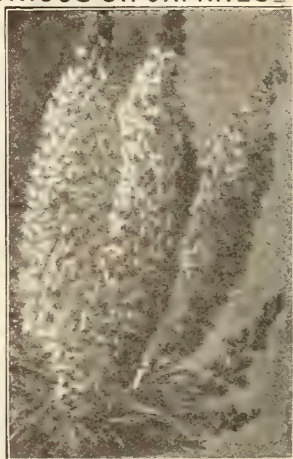
Useful for vases or hanging baskets or rockeries.

1841. **Erinus Speciosa Alba**. White. Pkt., 5c.

1843. **Gracilis**. Light blue, spreading. Pkt., 5c.

1841. **Erinus, or Trailing Varieties**. Mixed. Pkt., 5c.

1842. **Cardinalis**. Cardinal flower. Pkt., 10c.



EMPEROR LARKSPUR.



LATHYRUS, OR PERENNIAL PEA.



LOBELIA, CRYSTAL PALACE.

**LYCHNIS**

1900. **Chalcedonica**. The old garden favorite; very hardy, brilliant scarlet flower; deserves a place in every garden. Pkt., 5c.

MARIGOLD

Well-known annuals, very free flowering and easy culture. The African varieties have large, yellow or orange-colored flowers, and are adapted to large beds. The French are dwarfer in growth, with beautiful striped flowers, and are better suited to pot culture.

AFRICAN VARIETIES

1941. **EL DORADO**. Flowers 3 to 4 inches in diameter, perfectly and extremely double. Every shade. Pkt., 5c.

1943. **LARGE AFRICAN**. Very large; orange, brown and yellow. Oz., 15c.; pkt., 5c.



MARVEL OF PERU.
(Four-o'clocks)

FRENCH VARIETIES

1940. **GOLD STRIPED**. Double dwarf, brownish red, striped golden yellow. Pkt., 5c.

1942. **DWARF FRENCH MIXED**. Oz., 15c.; pkt., 5c.

1944. **LITTLE BROWNIE** (*Legion d'Honneur*). Charming, compact little bushes. Flowers single, golden yellow, with large spot of crimson velvet. Pkt., 10c.

1939. **GOLD RING**. This charming variety is a fine match to the old "Legion of Honor" in growth, height and free flowering. In color it is a dark velvety brown, each petal gracefully surrounded with a distinct gold ring. The compact, bushy plant blooms with a richness and constancy

that is surprising. Pkt., 10c.; 3 pkts., 25c.

MARVEL OF PERU (*Mirabilis*)

The Marvel of Peru, or Four-o'clocks, is a pretty, free-flowering annual of easy culture, that grows and flowers in almost any location.

1960. **Mixed Choice Colors**. Pkt., 5c.; oz., 10c.

1961. **White Tom Thumb**. Only growing 10 inches high. Snow-white flowers. Pkt., 5c.

MESEMBRYANTHEMUM

2000. **M. Crystallinum** (*Ice Plant*). Flowers white, with ice-like foliage. Pkt., 5c.

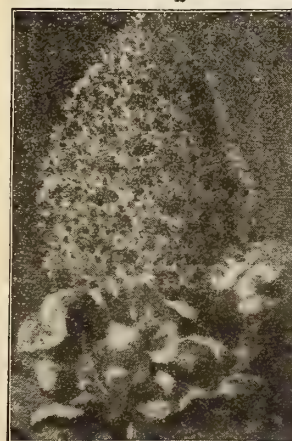
2001. **Tricolor** (*Wax Pink*). Very pretty, rosy pink flowers. Pkt., 5c.

MIGNONETTE (*Reseda*)

This deliciously fragrant annual is a favorite with all. It does best in a cool situation.

2020. **Sweet Scented**. Oz., 10c.; pkt., 5c.

2022. **Golden Queen**. Golden yellow. Pkt., 5c.



MIGNONETTE.

2023. **Parson's White**. Oz., 35c.; pkt., 5c.

2024. **Machet**. Very compact; fine for pot culture; red. Oz., 60c.; pkt., 10c.

2025. **Gabrielle**. Large spikes of red flowers, very fragrant; fine for pot culture. Pkt., 10c.

2026. **Miles' Hybrid Spiral**. Pure white. Pkt., 5c.

2027. **Giant White Spiral**. Oz., 25c.; pkt., 5c.

2028. **Red Victoria**. Dwarf, branching habit, very sweet red flowers. Pkt., 10c.

2029. **Allen's Defiance**. Immense spikes, 12 to 15 inches long; very fragrant. Pkt., 10c.

MIMULUS (*Monkey Flower*)

Admirable for pot plants; colors and markings of the flowers are

very rich and beautiful. Annuals of low spreading growth.

2060. **Moschatus** (*Musk Plant*). Beautiful yellow flowers. Pkt., 5c.

2061. **Cardinalis**. Flowers of a brilliant scarlet hue; hardy; 1 foot. Pkt., 10c.

2063. **Tigrinus**. The finest tigered and spotted varieties, rivaling the Calceolaria in its brightness; mixed colors. Pkt., 5c.

MOONFLOWER (*Ipomœa Grandiflora Noctiflora*)

1664. **The White-seeded Moonflower**. No one who has a trellis or arbor to cover should neglect to plant **The Moonflower**—the most rapid growing of all annual climbing vines. The vines are literally covered with thousands of immense, pure white, fragrant flowers, opening in the evening and remaining open until noon the following day, and if cloudy, all day, many of them measuring over seven inches across. Planted in rich ground, in a sunny situation, and given plenty of water, the vines attain a height of seventy-five feet. Pkt., 10c.

Plants of above, 10c. each, by mail.

1660. **Bona Nox** (*Evening Glory*). Pkt., 5c.

1661. **Cocinea** (*Star Ipomœa*). Scarlet. Pkt., 5c.

1662. **Huberl**. Cross-bred or Hybrid Moonflower; foliage and flowers vary. Pkt., 5c.

1665. **Heavenly Blue**. Flowers very large; beautiful blue. Pkt., 10c.

MORNING GLORIES**Imperial Japanese**

The surpassing charm of these **Imperial Japanese Morning Glories** lies in the entrancing beauty and gigantic size of the flowers; they measure from four to six inches across. The colors of the flowers, shadings and markings are limitless.

925. **Japanese Single, Mixed**. Per pkt., 10c.; 3 pkts., 25c.

926. **Japanese Double, Mixed**. Per pkt., 15c.; 2 pkts., 25c.

920. **Tricolor Roseus**. Rose color, with white centre and bands of golden yellow. Pkt., 5c.

921. **Major, Mixed**. Common Morning Glory. Oz., 15c.; pkt., 5c.



IMPERIAL JAPANESE MORNING GLORY.

DWARF MORNING GLORIES

922. **Mauritanicus**. Trailing plant for baskets; blue. Pkt., 10c.

924. **Minor, Mixed**. Pkt., 5c.

MYOSOTIS (*Forget-Me-Nots*)

The popular "Forget-Me-Nots." Bushy plants, 6 to 10 inches high, bearing clusters of lovely small flowers. They are perennials and hardy enough to remain in the open ground excepting in very cold latitudes, where they should be well protected; but they are generally sown in the fall and wintered over in cold frames, when they will flower early in the spring; if sown early in the house, they will flower the first season.

2100. **Palustris**. The true Forget-Me-Not; beautiful blue. Pkt., 5c.

2101. **Alba**. Pure white. Pkt., 5c.

2102. **Dissitiflora**. Large, blue flowers, compact and very early. Pkt., 10c.

ALPESTRIS VARIETIES

2103. **Victoria**. Of bushy habit; large, bright azure blue flowers; very fine. Pkt., 10c.



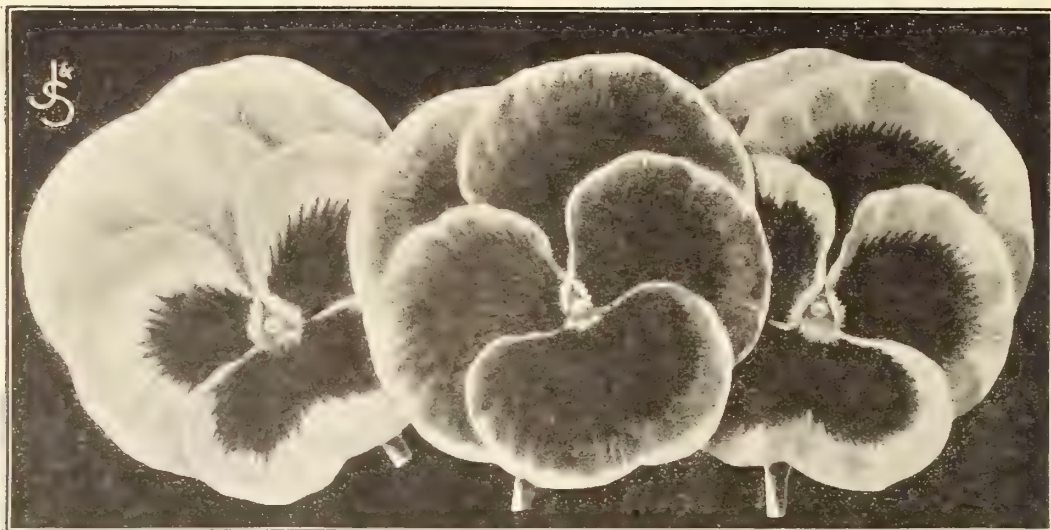
MYOSOTIS, OBELISK.

2104. **Alpestris**, blue, white, rose each, \$0 05
2107. " mixed 05

"OBELISK" VARIETIES. (See cut.)

These are an upright, pillar form, 10 to 12 inches high and very floriferous.

2108. **Obelisk**, blue, pink, white each, \$0 10



PANSIES

JOHNSON & STOKES' KINGLY COLLECTION

2299. This superb collection cannot be surpassed for size, shape, markings or richness of color of the flowers. No pains are spared to make this strain absolute perfection in form, firmness of texture, size and freedom of bloom, and elegance and variety of markings and colorings. Price, 25c. per pkt.; \$1.00 per 1/4 oz.

2281. **Bugnot's Large Stained.** Mixed colors. A celebrated French strain; very large. Pkt., 20c.

2294. **Cassier's Five Blotched.** Round flowers of great substance; each petal finely blotched. Pkt., 20c.

2273. **Masterpiece.** The chief peculiarity of this grand new Pansy is that the border or edge of each petal is frilled and curled. The flowers are large, borne very freely well above the plant. Price, per pkt., 15c.; 2 pkts., 25c.

2280. **Imperial German.** Large flowering. Pkt., 15c.

2279. **Odier Blotched.** Rich colors. Pkt., 10c.

2276. **English Show Mixture.** Pkt., 10c.

	PKT.
2308. Azure Blue, very fine	\$0 05
2261. Belgian Striped	10
2286. Black Pkt., \$0 05	5
2274. Bronze " 5	5
2303. Blue " 5	5
2262. Emperor Frederick (New), dark red	10
2275. Emperor William, ultramarine blue	10
2277. Fire Dragon, fiery orange and bronze	10
2301. Fine German, mixed	5
2288. Giant White, Pkt., \$0 10	10
2289. Giant Yellow " 10	10
2263. Giant Black-Blue, 10	10
2302. Gold Margined, all colors	5
2307. Havana Brown, new shades	5
2282. Improved Giant Trimardeau, mixed	10
2278. Lord Beaconsfield, deep purple violet	10
2264. Meteor (New), bright brown	10
2265. Peacock, ultramarine blue, deep claret and white,	10
2283. Prince Bismarck, beautiful golden bronze	10
2284. Quadricolor, or Pheasant's Eye (Rainbow)	10
2266. Red Victoria (New), very fine	10
2285. Snow Queen, satiny white	10
2287. Striped and Mottled, large flowered	10
2304. White, with dark centre	5
2305. Yellow, with black centre	5

NASTURTIUMS

Tom Thumb, Dwarf or Bedding Varieties

	OZ.	PKT.
2146. Aurora. Salmon-rose, mottled	\$0 20	\$0 05
2131. Bronze Color. A coppery bronze	20	5
2132. Chameleon. Crimson bronze and yellow,	20	5
2133. Cerulea Rosea. Rose, tinged purple	20	5
2134. Crystal Palace Gem. Sulphur, spotted maroon	20	5
2143. Empress of India. Brilliant crimson,	20	5
2135. Golden King. Grand flowers, 3 inches across; deep golden yellow, maroon blotches,	20	5
2136. King of Tom Thumbs. Crimson	20	5
2144. King Theodore. Dark scarlet maroon,	20	5
2145. Lady Bird. Orange-yellow, red spots	20	5
2130. Prince Henry. Cream color, spotted scarlet and tipped with wine-red	20	5
2142. Pearl. White	20	5
2140. Scarlet.	20	5
2141. Yellow.	20	5
2147. Mixed Tom Thumbs. 1/4 lb., 50c.	15	5

TALL OR CLIMBING VARIETIES

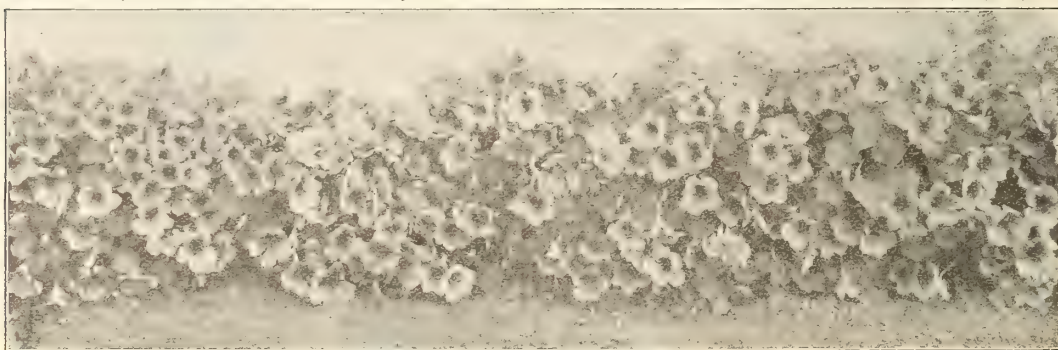
2137. Hemisphaericum. Yellow, with rosy scarlet blotches, fine foliage. Oz., 20c.; pkt., 5c.	
2138. Regelianum. Violet ruby. Oz., 20c.; pkt., 5c.	
2139. Von Moltke. Ruby rose. Oz., 20c.; pkt., 5c.	
2153. Nigro Purpureum. Maroon. Oz., 20c.; pkt., 5c.	
2154. Orange. Oz., 20c.; pkt., 5c.	
2155. Scarlet. Oz., 20c.; pkt., 5c.	
2156. Tall Mixed Sorts. Oz., 15c.; pkt., 5c.	

NEW HYBRIDS OF MADAME GUNTER

2157. A new section, distinguished by dark-colored foliage and flowers of immense size and richness and variety of coloring. Per oz., 25c.; pkt., 5c.

LOBB'S TRAILING NASTURTIUM

2148. Asa Grey. Cream, blotched crimson. Pkt., 5c.	
2149. Napoleon III. Yellow striped, scarlet. Pkt., 5c.	
2150. Roi des Noirs. Almost black. Pkt., 5c.	
2151. Spitfire. Fiery red. Pkt., 5c.	
2152. Lobb's Nasturtiums, Mixed. Pkt., 5c.; oz., 20c.	



BORDER OF DWARF NASTURTIUMS.



Petunia

For outdoor decoration or house culture few plants equal the Petunia in effectiveness. They commence flowering early and continue a sheet of bloom throughout the whole season until killed by frost; easily cultivated, only requiring a rich soil and a sunny position.



NEW PETUNIA, "SNOWBALL."

New Petunia "Snowball"

2354. A new very dwarf Petunia. Its well-shaped, beautiful satiny white flowers cover the whole plant with one mass of bloom. Admirably adapted for bedding or pot culture. Price, per pkt., 10c.

SINGLE VARIETIES (FOR BEDDING)



SINGLE "GIANTS OF CALIFORNIA."

Throated. The flowers are very large and of perfect form, with a broad, deep yellow throat. Pkt., 20c.

2348. "**Giants of California.**" A California strain of incomparable beauty, size and luxuriance. The flowers are exquisitely ruffled or fringed on the edges, and are enormous. (See cut.) Pkt., 20c.

DOUBLE FLOWERING SORTS

2350. **Dwarf Double Liliput** (*Nana Compacta Multiflora*, Fl. Pl.). New double kind, producing bushy plants, covered with double flowers, which are partly spotted, blotched and self-colored. Pkt., 25c.

2351. **Double Mixed.** Best large flowering double, in finest mixture. Pkt., 25c.

2352. **Extra Large Flowering, Double Fringed.** This extra choice strain produces about 30 per cent. of splendid double fringed flowers. Pkt., 35c.

2340. **Dwarf Inimitable.** Dwarf plants, 6 to 8 inches high, flowers cherry red, with a white centre; splendid for edgings, massing, etc. Pkt., 10c.

2341. **Striped and Blotched.** Extra strain. Pkt., 5c.

2342. **Alba.** White; suitable for cemetery. Pkt., 5c.

2343. **Choice Single Mixed.** ¼ oz., 20c.; pkt., 5c.

SINGLE LARGE FLOWERING SORTS

2345. **Grandiflora Venosa.** Large flowering, finest shade of color, beautifully veined. Pkt., 10c.

2346. **Grandiflora Fimbriata.** A fine strain with handsomely frilled and fringed flowers. Pkt., 20c.

2347. **Yellow**



Phlox Drummondii

For beds and massing nothing can surpass these beautiful annuals. They produce immense trusses of large, brilliant flowers of numberless hues throughout the summer. Hardy annual; 1½ feet.

2360. **Phlox Drummondii, Mixed Colors.** Pkt., 5c.; oz., 50c.

2371. **Large Flowering, Mixed.** Pkt., 10c.

2376. **New Dwarf Large Flowering, Mixed.** Splendid for pot culture and ribbon bedding. Pkt., 10c.

2367. **Star of Quedlinburg.** The flowers of this striking novelty have a most distinct and star-like appearance. Pkt., 10c.; 3 pkts., 25c.

2366. **Hardy Perennial Phlox.** Fine mixed varieties. Pkt., 10c.

POPPIES—SINGLE ANNUAL VARIETIES

2379. **Danebrog.** Very showy variety; large, single flowers of brilliant scarlet, with a silvery white spot on each petal, thus forming a white cross. Pkt., 5c.

2380. **Umbrosom.** Richest vermillion, with a deep shining black spot on each petal, thus forming a black cross. Pkt., 5c.

2383. **Shirley.** These charming Poppies range in color, extending from pure white through the most delicate shades of pale pink, rose and carmine to deepest crimson. Pkt., 5c.

2388. **Tulip Poppy** (*Papaver glaucum*). The plants

grow about 14 inches high and produce from 50 to 60 large flowers of dazzling scarlet. Pkt., 10c.

2389. **Fire Dragon.** Flowers of brilliant deep scarlet, with black spots margined white; 2 to 2½ feet. Pkt., 10c.

2385. **The Bride.** A beautiful variety, with very large, pure white, perfectly formed flowers. If cut when barely expanded and put in water, they will last a long time. Pkt., 10c.

2391. **Single Mixed.** Annual sorts. Pkt., 5c.

DOUBLE ANNUAL POPPIES

2384. **SNOW-DRIFT.** Pure snowy white, extremely double flowers, of perfect form and large size. Pkt., 10c.

2387. **P. NEW WHITE SWAN.** Immense size, very double, with beautifully laciniated petals and of the purest possible white. Pkt., 10c.

2381. **Mikado.** Brilliant scarlet and white, with elegantly curved petals, like a Japanese Chrysanthemum. Pkt., 10c.

2382. **Carnation-Flowered.** Splendid, double fringed flowers, mixed colors. Pkt., 5c.; oz., 20c.

2390. **Peony-Flowered.** Large, showy, double globular flowers, mixed colors. Pkt., 5c.

HARDY PERENNIAL POPPIES

2386. **Oriental.** Gorgeous summer-flowering plants, producing in abundance deep crimson flowers five or six inches across. Pkt., 10c.

2392. **Oriental Hybrids.** Beautiful new hybrids of the Oriental Poppy, producing flowers 6 inches and over in diameter, and of many novel colors, such as salmon and cherry. Pkt., 15c.



DOUBLE POPPY.



BED SINGLE PORTULACA.

PORTULACA

Brilliant dwarf annuals, blooming profusely from early summer to autumn. For low beds and masses of color they are very desirable.

2400. **Finest Single, Mixed.** A large variety, of the most brilliant colors. Pkt., 5c.; oz., 40c.

2401. **Double Rose-Flowered, Mixed.** The most brilliant shades and choice flowers. Pkt., 10c.

PRIMULA

This beautiful flowering plant is indispensable for winter decoration in the home or conservatory. Our seed is very choice, being saved from the best English strains. Sow in March or April.

Single Varieties

2428. **Alba Magnifica.** Flowers large; snow-white; exquisite form. Pkt., 25c.

2429. **Cerulea.** Blue. Pkt., 20c.

2430. **Chiswick Red.** Flowers of a brilliant crimson-scarlet. Pkt., 25c.

2431. **Holborn Blue.** Very fine. Pkt., 20c.

2420. **Sinensis Fimbriata.** Fringed varieties. Very choice, mixed. Pkt., 20c.

2433. **Kermesina Splendens.** A very rich red. Pkt., 20c.

2434. **Fern-Leaved.** Mixed. Pkt., 20c.

2432. **J. & S. Choicest Prize Mixed.**

This mixture contains, besides all the above-named varieties, a number of other colors, selected from the best strains of American, French, English and German growers, and we know it will give entire satisfaction. Pkt., 30c.

DOUBLE PRIMULA

2435. **Double.** Pure white. Pkt., 35c.

2421. **Double.** Mixed. Pkt., 35c.

Our Double Primulas bring a large percentage of double flowers.

2424. **Obconica.** A profuse blooming primrose, bearing on long stems heads containing ten to fifteen flowers. The flowers are pure white, shading

occasionally to lilac, and have the true primrose fragrance. Pkt., 10c.; 3 pkts., 25c.

2436. **Floribunda.** Similar to "Obconica," but the flowers are a beautiful primrose yellow. Pkt., 20c.

2423. **Veris** (English Cowslip). Pkt., 5c.

2425. **Japanica** (Japanese Primrose). Pkt., 10c.

2426. **Vulgaris.** Yellow English Primrose. Pkt., 5c.

PYRETHRUM (Feverfew)

2440. **P. Parthenifolium Aureum** (Golden Feather). A highly ornamental golden yellow foliage plant, unexcelled for bedding. Hardy perennial; 1½ ft. Pkt., 5c.; oz., 50c.

2441. **P. Roseum** (Persian Insect Powder Plant). Handsome aster-like flowers, with pink rays and deep yellow centres; foliage fern-like; most beautifully cut. Pkt., 10c.

RICINUS (Castor Oil Plant)

Large, luxuriant, rapid-growing foliage annuals, with large, handsome metallic leaves. Used for sub-tropical effects on the lawn, or for the taller centres of foliage beds; 6 to 10 feet.

2460. **Gibsoni.** Handsome deep red foliage. Pkt., 5c.

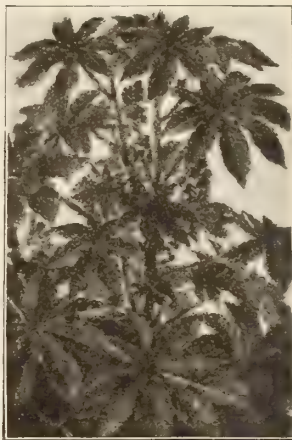
2461. **Sanguineus.** Leaves green, stalks blood-red, showy red fruit; 8 ft. Pkt., 5c.

2462. **Phillippiniensis.** A majestic variety, with beautiful gigantic foliage; 10 ft. Pkt., 5c.

2463. **Mixed.** Many choice sorts. Pkt., 5c.; oz., 20c.

2464. **RICINUS, DUCHESS OF EDINBURGH.** The stem and leaves are of a bright metallic bronze; the large branches of the fruit are of a vivid red. Pkt., 5c.

2465. **Ricinus Zanibariensis.** The leaves of this new variety attain a gigantic size, measuring 2 to 2½ ft. across, and include light and dark green and coppery bronze colors. Pkt., 10c.; 3 pkts., 25c.



RICINUS, CASTOR OIL PLANT.

SALVIA, OR SCARLET SAGE

Gorgeous effects can be produced by massing on the lawn or in the garden, or planted in rows along a sunny drive. A perennial, but blooms the first season from seed.

2520. **Splendens.** Scarlet sage. Pkt., 10c.

2521. **Patens.** Blue sage. Pkt., 10c.

New Salvia Splendens, "Silver Spot."

2522. The leaves are rich, soft, dark green, with light sulphur or cream-colored spots of various sizes liberally sprinkled over them. The intense bright scarlet flowers are very large, and the plants of neat, compact habit. Seed, per pkt., 20c.

2523. **Clara Bedman, or Bonfire.** Very compact, with long, erect spikes of brilliant scarlet flowers. The finest Salvia ever introduced, and by far the best for bedding and massing on the lawn. Pkt., 10c.

SALPIGLOSSIS

(Velvet Flower)

2500. **S. Fine, Mixed.** Sky-blue and scarlet flowers, very beautifully penciled. Pkt., 5c.

2501. **SALPIGLOSSIS GRANDIFLORA.** The large-flowering Salpiglossis is one of the most beautiful of flowering annuals. In rich coloring they vie with orchids. Pkt., 5c.

TROPEOLUM CANARIENSE

490. **CANARY BIRD VINE.** A rapid-growing, summer-climbing annual, growing 10 to 15 feet high. It will cover trellis work in the most graceful manner, producing hundreds of its pretty fringed bright yellow flowers, which resemble a canary bird with expanded wings. Pkt., 5c.



CANARY BIRD VINE, TROPEOLUM CANARIENSE.



SWEET PEA, MONT BLANC.

SWEET PEAS

Sweet Peas are among the most beautiful of all our hardy annuals. Select a sunny, open place, several feet from any building, or close fence, and as far as possible from large trees. Sow as early in the spring as possible. *Do not wait for fair weather.* Plant in double rows 6 inches apart and 4 inches deep, dropping the seed 3 inches apart. Furnish support early.

Price per packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; $\frac{1}{2}$ lb., 30c.; 1b., 50c.

WHITE

- 2769. **Bride.** Pure white-hooded form.
- 2722. **Emily Henderson.** Large, pure white.
- 2711. **Mont Blanc (new).** The earliest-flowering white.

YELLOW

- 2773. **Mrs. Eckford.** A delicate primrose-yellow self.
- 2736. **Primrose.** Pale primrose yellow.
- 2695. **Queen Victoria.** Light primrose, self-colored.
- 2767. **Stella Morse.** Rich primrose, flushed pink.

ORANGE-PINK

- 2711. **Gorgeous.** Rich glowing scarlet-orange.
- 2775. **Lady Mary Currie.** Standard crimson-orange; wings crimson with tint of orange.
- 2706. **Lady Penzance.** Orange-pink, wings pure white.
- 2714. **Orange Prince.** Orange-salmon, wings pink.
- 2771. **Oriental.** Bright orange-pink, heavily veined.

PINK

- 2681. **Blushing Beauty.** Delicate pink-hooded form.
- 2685. **Countess of Aberdeen.** Pink, turning lighter.
- 2793. **Countess of Lathom.** Delicate pink self.
- 2749. **Crown Jewel.** Standard suffused with rosy violet; wings creamy white, tinted with rose.
- 2717. **Hon. F. Bouverie.** Standard and wings both deep pink at base, shading to light pink.
- 2750. **Katherine Tracy.** Soft but brilliant pink.
- 2797. **Little Dorrit.** Beautiful clear pink.
- 2774. **Lovely.** Beautiful soft shell-pink.
- 2777. **Modesty.** Most delicate shade of pink.
- 2798. **Mrs. Gladstone.** Lovely soft pink.
- 2710. **Peach Blossom.** Salmon-pink.
- 2732. **Prima Donna.** The softest clear pink self.
- 2752. **Royal Robe.** A bright but soft pink self.
- 2768. **Sensation.** White, suffused with bluish-pink.
- 2737. **Venus.** Soft salmon-buff, shaded with rosy pink.

PINK AND WHITE

- 2712. **Blanche Ferry.** Pink and white.
- 2690. **"Earliest of All."** Pink and white, very early.
- 2755. **Extra Early Blanche Ferry.** Pink and white.

ROSE OR DEEP PINK

- 2730. **Her Majesty.** A most beautiful rose.
- 2720. **Lady Skelmersdale.** Standard light carmine, shading to white; wings almost pure white.
- 2790. **Majestic (new).** Rich deep rose-pink self.
- 2778. **Ovid.** Rose pink margined with deeper rose.
- 2766. **Royal Rose.** Standard rose: wings light pink.

ROSE-CRIMSON

- 2791. **Lord Kenyon (new).** Rose-magenta, flushed crimson.
- 2715. **Mrs. Dugdale.** Crimson-rose; self-colored. One of the largest-flowered.
- 2675. **Oddity.** Peculiar pale carmine and bright rose.
- 2733. **Prince of Wales.** Rose-crimson; self-colored. Flowers extra large.

SCARLET AND CRIMSON

- 2728. **Firefly.** Brilliant scarlet.
- 2747. **Mars.** Crimson scarlet.
- 2772. **Prince Edward of York.** Standard crimson-scarlet; wings crimson. Extra large.
- 2688. **Salopian.** The best of the crimson-scarlets.

MAROON

- 2705. **Black Knight.** Deep maroon; self-colored.
- 2713. **Boreation.** Very dark maroon; self-colored.
- 2727. **Duke of Clarence.** Rich deep claret self.
- 2670. **Duke of Sutherland.** Claret and indigo-blue.
- 2735. **Monarch.** Deep bronzy maroon with blue.
- 2721. **Othello.** A very deep glossy maroon self.
- 2689. **Shahzada.** Rich dark maroon, shaded purple.
- 2753. **Stanley.** Rich dark maroon.

BLUE AND PURPLE

- 2792. **Captain of the Blues.** Standard purple-blue; wings bright blue.
- 2774. **Celestial.** Delicate azure blue.
- 2716. **Countess Cadogan.** Standard light bluish purple; wings clear blue.
- 2796. **Duke of Westminster.** Standard clear purple; wings purple, with tint of violet.
- 2703. **Navy Blue.** Standard indigo and violet; wings indigo, shading to navy blue and bright blue.

PURPLE-MAUVE

- 2680. **Captivation.** Light purple-magenta.
- 2725. **Dorothy Tennant.** Rich rosy mauve self.
- 2734. **Emily Eckford.** Rosy mauve, changing to an almost true blue.
- 2794. **Fascination (new).** Delicate magenta-mauve.

LAVENDER

- 2738. **Countess of Radnor.** Pale mauve or lavender.
- 2731. **Golden Gate.** Shaded lavender.
- 2719. **Lady Grisel Hamilton.** Standard mauve; wings lavender. Flowers extra large.
- 2687. **Lady Nina Balfour.** Delicate light lavender.

BLUE OR LAVENDER-EDGED

- 2723. **Lottie Eckford.** White, shaded and edged with soft lavender.
- 2776. **Maid of Honor.** White, edged and shaded with light blue.

VARIEGATED

- 2677. **America.** Crimson-scarlet, striped on white.
- 2748. **Aurora.** Orange-rose, striped on white.
- 2746. **Coquette.** Primrose-yellow, shaded pale lavender.
- 2686. **Countess of Powis.** Orange-suffused purple.
- 2672. **Daybreak.** Crimson-scarlet, on white ground.
- 2770. **Dolly Varden.** Purple-magenta, shaded white.
- 2674. **Gray Friar.** Beautiful light watered purple on white ground, having a grayish effect.
- 2756. **Juanita.** White, striped with pale lavender.
- 2673. **Lottie Hutchins.** Cream, flaked with pink.
- 2683. **Mikado.** Cerise ground, veined with white stripes.
- 2671. **Mrs. Joseph Chamberlain.** White, striped and flaked heavily with pale rose.
- 2795. **Pink Friar.** Carmine rose on white ground.
- 2678. **Ramona.** Creamy white, splashed with pale pink.
- 2754. **Waverly.** Standard rosy claret, wings light blue.

Price, any of the above choice named sorts, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; $\frac{1}{2}$ lb., 30c.; 1b., 50c.

J. & S. STANDARD MIXTURE

This is the highest grade mixture that can be made, and our sweet-pea-loving customers can rely upon it producing excellent results. Pkt., 5c.; oz., 8c.; $\frac{1}{4}$ lb., 15c.; per lb., 40c.

DWARF CUPID SWEET PEAS

The Cupid Sweet Peas should become popular for bedding and borders. They are of true dwarf habit and literally cover themselves with flowers.

- 2799. **Alice Eckford Cupid.** Flesh pink and white.
- 2800. **Beauty Cupid.** Soft rose and carmine.
- 2801. **Blanche Ferry Cupid.** Pink and white.
- 2802. **Boreation Cupid.** Rich wine brown.
- 2803. **Countess of Radnor Cupid.** Delicate lavender.
- 2804. **Firefly Cupid.** Dazzling scarlet.
- 2805. **Primrose Cupid.** Rich creamy tint.
- 2806. **White Cupid.** Pure white.
- 2807. **Mixed Cupids.**

Price of all Cupids, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; 1b., 75c., postpaid.

**SENSITIVE PLANT** (*Mimosa*)

2040. A curious plant, leaves close if touched or shaken. Pkt., 5c.

SMILAX

2120. A graceful climber. Largely used for decorations and bouquets. Pkt., 10c.; ¼ oz., 20c.; per oz., 60c.



GERMAN TEN WEEKS STOCKS.

STOCKS

The German Ten Weeks Stocks are easily grown and are of great beauty and fragrance.

	PKT.		PKT.
2660. Blood Red	\$0 10	2668. Pink	\$0 10
2661. Crimson	10	2663. Blue	10
2662. White	10	2665. Mixed	10

2666. Dwarf Wallflower Leaved, Mixed. Pkt., 10c.

2667. Snowflake. A fine variety, with very large and double pure white flowers. Pkt., 10c.

2669. Princess Alice (*Cut and Come Again*). A perpetual blooming, double, pure white; excellent for cutting. Pkt., 10c.

SWEET WILLIAM (*Dianthus Barbatus*)

Favorites in every garden. Perfectly hardy and with a rich profusion of bloom. No plant can surpass this old favorite. Height, 1 ft.

2741. Perfection Single Mixed. Pkt., 5c.; oz., 25c.

2740. Perfection Double Mixed. Pkt., 10c.

2742. Auricula Flowered. Choice single varieties. Pkt., 5c.

SUNFLOWER (*Helianthus*)—SINGLE VARIETIES

1511. Miniature Sunflower (*Cucumerifolius*). Dwarf branching habit, flowers orange with black centre. Oz., 25c.; pkt., 5c.

DOUBLE VARIETIES

1510. Californicus Plenissimus. Extra large, double saffron-colored flowers. Pkt., 5c.

1512. Globosus Fistulosus (*Dahlia Sunflower*). Flowers very double and of medium size. Pkt., 5c.

THUNBERGIA (*Black-Eyed Susan*)

A beautiful class of very ornamental climbers, suitable for greenhouse or outdoor culture.

2760. Alba Oculata. White, dark eye. Pkt. 5c.

2761. Aurantiaca. Orange, dark eye. Pkt., 5c.

2762. Bakeri. Pure white. Pkt., 5c.

2763. Fine, Mixed. Choice shades. Pkt., 5c.; oz., 40c.

2764. Alata. Buff, dark eye. Pkt., 5c.

VERBENA

For garden beds or massing the Verbena is unrivaled; flowers of the most brilliant colors, blooming continually from spring until late in the autumn. Although perennials, these form luxuriant plants and bloom profusely the first season from seed.

TROPÆOLUM (*Canary Bird Flower*)

A rapid growing annual climber. Flowers resemble a bird with expanded wings. Pkt., 5c.

NEW MOSS VERBENA

No. 2827. This new strain of Verbena is not over 6 inches high, but branches out and literally covers the ground. It is smothered with flowers of the true Verbena type all summer long. It is valuable anywhere, but especially so for bedding and edging. Price, per pkt., 10c.

New Mammoth. Our strain of Mammoth Verbenas is unexcelled; flowers of the largest size and brilliant colors.

2810. Mammoth White	Per pkt., 10c.; per oz., \$2.50.
2811. " Scarlet	
2812. " Pink	
2813. " Purple	
2814. " Striped	
2815. " Mixed	pkt., 10c.; per oz., \$2.00.
2825. Fine Mixed	Pkt., 5c.; per oz., \$1.00.
2826. Lemon Verbena (<i>Aloysia Citriodora</i>)	Pkt., 10c.

VIOLET (*Viola Odorata*)

A great favorite, much in demand on account of its abundant and fragrant bloom. Hardy perennial; ¼ ft.

2860. V. Single White. Sweet scented. Pkt., 10c.

2861. V. Single Blue. Sweet scented. Pkt., 10c.

WALLFLOWER (*Cherianthus Cheri*)

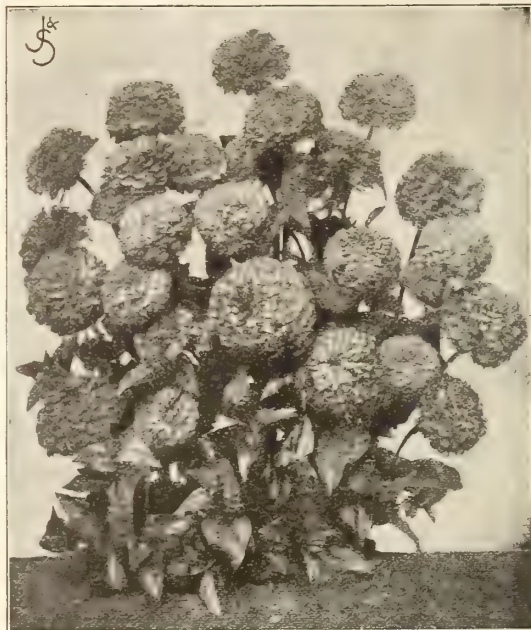
A handsome, popular plant, with massive spikes of fragrant flowers. Hardy perennial; 2 ft.

2900. Wallflower, Double Mixed. Yellow, brown and purple flowers. Pkt., 10c.

2901. Single Mixed. Showy colors. Pkt., 5c.; oz., 25c.

ZINNIA

The double Zinnia is one of the most brilliant and showy of annuals.



MAMMOTH ZINNIA.

Mammoth (*Robusta Plenissima*). Very large flowers, perfectly double and of striking colors. Bushy habit. Pkt., 10c.

Large Flowering Double Dwarf.

2930. Scarlet. Pkt., 5c.

2931. Orange. Pkt., 5c.

2932. White. Pkt., 5c.

2933. Canary. Pkt., 5c.

2942. Striped Zebra. A superb strain of this very popular flower, the petals being distinctly striped. They run through all shades known to the Zinnia, such as orange, crimson, pink, yellow, rose, violet and white. Pkt., 10c.

Double Liliput. Dwarf plants, fairly bristling with tiny double flowers.

2934. Double Liliput. Scarlet. Pkt., 10c.

2935. Double Liliput. White. Pkt., 10c.

2936. Double Liliput. Golden Yellow. Pkt., 10c.

2937. Double Liliput. Mixed. Pkt., 10c.

2938. Curled and Crested. Large flowers with twisted petals, great range of color. Pkt., 10c.

2939. Dwarf Varieties. Mixed. Oz., 60c.; pkt., 5c.

2940. Tall Varieties. Mixed. Oz., 30c.; pkt., 5c.



Summer Flowering Bulbs



GROFF'S HYBRID GLADIOLUS.

GLADIOLUS

One of our most satisfactory summer-flowering bulbs. Make successive plantings, so as to continue the blooming season. As cut flowers, nothing could be finer.

Floracraft Mixture, No. 1. This is a magnificent strain of flowers, with all undesirable sorts weeded out, and the bulbs all uniformly sound and large. Per dozen, postpaid, 50c.; by express, per 100, \$3.00.

Floracraft Mixture, No. 2. Same as above, but smaller bulbs, all bloomers. Per dozen, postpaid, 30c.; per 100, by express, \$2.00.

Separate Colors. Shades of red, of orange and yellow, of white and light, and of striped and variegated, for beds and massing. Per dozen, postpaid, 50c; by express, per 100, \$3.00.

GROFF'S HYBRID SEEDLINGS

A great improvement on the older sorts. Flowers larger and of great substance and keeping qualities. Years of careful effort have been spent in perfecting this beautiful strain. Per dozen, postpaid, 50c.; per 100, \$3.50.

GLOXINIAS

Bloom in six weeks, and are unexcelled in magnificent coloring and blooming qualities, large bulbs. Each, 10c.; per dozen, \$1.00. Second size, 7c. each; 75c. per dozen.

SUMMER-FLOWERING OXALIS

For bordering or margining, nothing can surpass the Summer-flowering Oxalis. The bulbs, when planted about 3 inches apart, produce an unbroken row of elegant foliage and pretty flowers, and as they bloom in a very short time after planting, furnish a neat and attractive border the whole season. Price, per dozen, 10c.; per 100, 50c.

TUBEROUS BEGONIAS

The tuberous-rooted Begonias are among the handsomest of our summer-flowering bulbs. They bloom continuously throughout the summer, till frost cuts them. Planted either in the rockery or flower border, they rival the rose with their rich and varied colors, ranging from the most delicate shades of white, yellow and salmon to the most striking crimson and scarlet.

	Each.	Doz.	100.
Single, Scarlet, Orange, Crimson, Pink, White, Yellow	\$0 06	\$0 60	\$4 00
Single. All colors mixed	05	50	3 50
Double. All colors mixed	08	75	6 00

HARDY HERBACEOUS PÆONIES

Magnificent and perfectly hardy plants, almost rivaling the rose in brilliancy of color and perfection of bloom. The fragrance of the large flowers resembles that of a highly scented rose.

Separate Colors. Pink, white or red, 15c. each; 4 for 50c.; \$1.40 per dozen, postpaid.

Mixed Colors, embracing many beautiful and various sorts, 12c. each; 4 for 45c.; \$1.25 per dozen, postpaid.

TUBEROSES

Deliciously fragrant and beautiful; popular with everybody. We grow them in immense quantities.

Excelsior Pearl. Large No. 1 bulbs. 3 for 10c.; 35c. per dozen; \$2.00 per 100.

CALADIUMS (*Elephant's Ears*)

A very effective plant and suitable for either a single plant on the lawn, masses in beds, or for margins of water, its leaves often attaining the length of 3 feet by 20 inches wide. First size, 10c. each; \$1.00 per dozen. Second size, 15c. each; \$1.50 per dozen. Extra large bulbs, 25c. each; \$2.50 per dozen, postpaid.

DAHLIAS

Collection of 12 best Dahlias from all classes, comprising the most valuable and comprehensive collection of 12 Dahlias ever offered.

A. D. Livoni. (Show.) Pure, soft pink with quilled petals and full to the centre; an early and profuse bloomer.

American Flag. (Fancy.) Rich cardinal red with white stripe running through the centre of each petal.

Alewine. (Pompon.) White flushed rosy lavender; very fine, on long stems.

C. W. Bruton. (Decorative.) The best yellow; of immense size; perfect form and of the finest canary yellow; a tall, vigorous grower and an extremely profuse bloomer.

Grand Duke Alexis. (Decorative.) A magnificent flower, of largest size and distinctly unique form, with beautifully quilled petals. Color is pure white, tinged delicate lavender-pink.

John H. Roach. (Cactus.) A fine, light yellow; of perfect form, with long, incurved, pointed petals; a beautiful flower and always full to the centre.

Matchless. (Cactus.) Large, rich, glistening crimson, shading to dark velvety maroon; an extremely early and profuse bloomer—a grand variety.

Penelope. (Fancy.) Pure white, flaked soft, rosy lavender; of perfect form; beautiful and chased.

Purity. (Show.) A beautiful pure white, of large size; fine form and finish. One of the best.

Queen of Yellows. (Show.) A beautiful clear yellow; large size; fine form; an early and extremely profuse bloomer.

Snowclad. (Pompon.) The best white pompon to date. An early and extremely profuse bloomer.

Price, 15c. each; \$1.50 for set of 12 sorts.

CANNAS

LARGE FLOWERING FRENCH SORTS

PENNSYLVANIA. The most magnificent orchid-flowering Canna to date. Immense flowers of a pure, deep red; a tremendous bloomer; 6 to 7 feet high. Price, 20c. each; \$2.00 per dozen.

Burbank. A new orchid-flowering sort. Rich canary yellow, fully 7 inches across. 4 feet.

Black Prince. Very dark velvety maroon. Extra large flowers. Very fine. 3 to 4 feet.

Allemania. Orchid-flowering sorts. Very large. 6 feet. Salmon scarlet with broad yellow border.

Aisace. Nearly white; very shapely. 3 to 4 feet.

Philadelphia. The finest crimson Canna to date. 3 feet.

Luray. New clear bright rose pink. Very fine. 4 feet.

Niagara. Rich, deep crimson, with wide golden yellow border. 3 feet.

Egandale. Bronzed-leaved variety; cherry-red flowers. 4 feet.

Gloriosa. Dark, rich crimson, widely margined with yellow. 4 feet.

Queen Charlotte. Dwarf compact sort. Red with yellow margin. 2½ feet.

Chas. Henderson. Deep, rich crimson. 3 feet.

Paul Marquant. Deep salmon. 4 feet.

Millé. Berat. Bright pink. 4 feet.

Robusta. Dark-leaved tall sort for tropical effect. 6 to 7 feet.

Price of each above sorts, except "Pennsylvania," 10c. each; \$1.00 per dozen; \$8.00 per 100.

IRIS (*Flower-de-Luce*)

Japanese. Perfectly hardy, beautiful flowers, all colors. Exquisitely mottled and veined. Bloom in July, and need a moist, sunny situation. Each, 10c.; \$1.00 per dozen.

German. These rival the orchid in variety of coloring, shape and shading. Perfectly hardy and adapted to all situations. Bloom in June. Each, 10c.; \$1.00 per dozen.



ROSES

Set of Novelty Roses



NEW ROSE, MRS. OLIVER AMES.

MRS. OLIVER AMES. A delightful new ever-bloomer, round full flowers with lovely shell-shaped petals elegantly ruffled at the edges; color creamy yellow laced and shaded with soft glowing rose, very distinct and attractive. A neat bushy grower and constant and abundant bloomer, elegantly perfumed. Price, 30c. each; 2-year, 75c.

IVORY. A beautiful new white rose with very attractive buds and flowers, entirely distinct; a free bloomer and great prize winner at the flower shows. Price, 30c. each; 2-year, 60c.

BOADICEA. This is an elegant new ever-blooming rose, fine large tulip-shaped flowers, perfectly full and double, pale sulphur yellow passing to rich creamy pink, petals edged with bright rose. Promises to be an excellent rose for outside planting or bedding purposes. Price, 35c. each.

MRS. B. R. CANT. A fine new garden rose, very free and strong grower and great bloomer; flowers open bright reddish rose and shade to salmon rose, flowering double and lasting; promises to be a great acquisition in the flower garden. Price, 35c. each.

LIBERTY. A grand new hybrid tea, color is a bright, flashing, crimson scarlet, far surpassing any other crimson rose. Flowers are extra large, fully double and deliciously sweet. Buds long and pointed. Price, 25c. each; 2-year, 50c.

NOVELTY ROSE COLLECTION

One each of the above choicest of new roses for only \$1.30, postpaid

HARDY MEMORIAL ROSES

ALBA RUBIFOLIA. The finest hardy Memorial Rose known. The flowers are pure double white and the foliage and young growth bright red. It retains its foliage all winter.

"ROSA WICHURAIANA." Creeps on the ground like ivy. Has dark-green leaves and numberless satiny white flowers, with golden-yellow discs. Specially adapted for use in cemeteries.

DOUBLE PINK MEMORIAL ROSE. Same as the Double White, except in color, which is clear, bright pink.

EVERGREEN GEM. Pretty buff-yellow flowers, 2 or 3 inches in diameter, perfectly double, with a rich Sweet Briar fragrance.

PRICE, HARDY MEMORIAL ROSES
15c. each; 2-year, by express, 35c. each.

Set of 4, 50c., by mail, postpaid.

" " 4, 2-year, by express, \$1.00.

Hardy Perpetual Roses

NEW CENTURY. A grand, new, ever-blooming, perfectly hardy rose; flowers very large, perfectly full and double, and borne in clusters. Color is a bright rich carmine rose, with deep red centre, and the petals are bordered with fine creamy white. Is very sweet, with the delightful fragrance of the Sweet Briar. Price, 25c. each; 2-year size, 40c.

PAUL NEYRON. One of the grandest and most magnificent hybrid perpetual roses in existence. The flowers are immense size and superb form, very double and of great depth and substance; a good hardy grower; free bloomer. 15c. each, postpaid. Two-year size, 35c., by express.

AMERICAN BEAUTY. Very large and double, of a deep rich rose color; very fragrant. 20c.; 2-year, 40c.

GEN. JACQUEMINOT. Bright, shining crimson, rich and velvety. 15c.; 2-year, 35c.

MARGARET DICKSON. New, pure white with rosy flesh centre, large shell-shaped petals, beautiful. 15c. each; 2-year, 35c.

PRINCE CAMILLE DE ROHAN. Very dark, velvety crimson, almost black; darkest of all. 15c.; 2-year, 35c.

MAD. PLANTIER. One of the hardiest and a profuse bloomer. Snow white. 15c.; 2-year, 35c.

MAGNA CHARTA. Extra large, full flowers of unusual depth and substance; bright rosy pink; very grand, profuse bloomer. 15c. each; 2-year, 35c.

MARSHALL P. WILDER. Extra large full flowers, dark, deep red, free bloomer, very handsome. 15c.; 2-year, 35c.

JOHN HOPPER. An excellent rose; hardy and abundant bloomer, solid and regular flowers, perfectly double, clear, bright, rosy pink, very fragrant. 15c. each; 2-year, 35c.

HARDY PERPETUAL COLLECTION

Set of 10—Beauties—\$1.25, postpaid.

Set of 10—2-year-old, by express, \$3.10.

Ever-Blooming Climbing Roses

CLOTILDE SOUPERT (Climbing) New. This is undoubtedly one of the most beautiful and satisfactory of all the hardy Ever-blooming Climbing Roses yet introduced. It is similar to the well-known Clotilde Soupert, but the flowers are larger and deeper in color, and the bush is a strong, vigorous climber, which begins to bloom very quickly and continues loaded with lovely buds and flowers all summer and fall until stopped by freezing weather. It is entirely hardy here. It is also free from the attacks of insects, rust and blight. The flowers are borne in clusters and are of large, round, flat form, perfectly full and double and delightfully fragrant. Color beautiful creamy white, finely tinged with amber, deepening at centre to clear bright pink, and sometimes both red and white roses are borne on the same bush. Price, 20c. each; 2-year size, 40c.; 3-year, \$1.

"ALLISTER STELLA GRAY" (New Golden Rambler). This is a very beautiful, hardy, ever-blooming climbing rose, bearing large clusters of lovely buds and flowers almost every day during the whole growing season. The color is a rich apricot yellow, soon changing to pure white with a bright yellow centre. 15c. each; 2-year, 35c.

BELLE DE ORLEANS. A new constant-blooming Cluster Rose, flowering continuously through the whole season; pure white flowers in grape-form clusters, sometimes tinted rose; semi-climbing habit, best for low trellises and beds, from which roses can be picked from June to December. Blooms all the time. 15c. each; 2-year, 35c.

"CLIMBING AUGUSTA VICTORIA" (Mrs. Robert Peary). A grand, pure white, hardy, ever-blooming climber. Strong, vigorous grower. 15c. each; 2-year, 35c.

THE EMPRESS OF CHINA is a hardy, perpetual-blooming climbing rose; it resembles a tea rose. The color is soft dark red, passing to light pink or apple blossom. 15c. each; 2-year, 35c.

MARECHAL NEIL (Noisette). A most beautiful large golden yellow rose; very full and double and exceedingly fragrant. It is naturally a climbing rose, and should not be pruned too short. 15c. each; 2-year, 35c.

EVER-BLOOMING CLIMBING COLLECTION

Set of 6 for 75c., postpaid, or 2-year size, by express, for \$1.65.



"New" Ever-Blooming Roses

HELEN GOULD. This new, hardy, ever-blooming hybrid tea rose is claimed to be the largest-flowering and freest-blooming hybrid tea rose in existence.

The flowers are perfectly double, and deliciously fragrant; color is rich vinous crimson, elegantly shaded and exceedingly beautiful. Price, 20c. each; 2-year size, 45c.

FRANCES E. WILLARD. This charming, new, pure white, ever-blooming rose is a magnificent variety, and being considered the most beautiful of all pure white ever-blooming roses, was named in honor of the noble life and work of Frances E. Willard, the great apostle of temperance and purity, and the late venerated President of the W.C.T.U. Price, 20c. each; 2-year size, 45c.

ADMIRAL SCHLEY. A new and very beautiful hybrid tea rose. Color rich, glowing, velvety scarlet, finely shaded with violet crimson. Makes elegant buds and splendid large, full flowers, delightfully sweet. The bush is a clean, healthy grower, with bright green foliage, and blooms abundantly all through the season. Price, 20c. each; 2-year size, 45c.

GRUSS AU TEPLITZ. Color when first opening is dark, rich crimson, quickly changing to bright scarlet. Flowers large, full and very handsome. Price, 15c. each; 2-year size, 35c.

MAD. JULES GROLEZ. Color lovely china rose, passing to a rich satiny pink; handsome buds and large flowers. 15c. each; 2-year, 35c.

CORALLINA. Flowers deep rosy crimson, large, full and finely formed; makes beautiful buds and is a most constant and abundant bloomer. 15c. each; 2-year, 35c.

SOUV. DE PRESIDENT CARNOT. This is a rose of extraordinary beauty, very large, full and deep and deliciously sweet. The color is lovely sea-shell pink, delicately tinted with golden fawn on rich creamy white. 15c. each; postpaid; 2-year size, 35c., by express.

MAD. C P. STRASHEIM. Fine sulphur-yellow changing to orange and buff, fine for cutting. 15c. each; 2-year, 35c.

HENRY M. STANLEY. Deep chamois rose-colored flowers, delicately tinged with fine apricot-yellow petals, bordered with bright carmine red. 15c. each; 2-year, 35c.

AUGUSTE COMPTE. Color deep rose with petals deep carmine, with broad dark effect; new and fine. 15c. each; 2-year, 35c.

NEW EVER-BLOOMING COLLECTION

Set of 10 sorts, by mail, postpaid, \$1.15.

" " 10 " " express, 2-year-old, \$3.00.

General Set Ever-blooming Roses

CORINNA. Beautiful flesh color, tinted gold, fine large buds.

MAD. F. KRUGER. Soft rose pink, shaded crimson and amber. Very large and handsome.

MAD. CAROLINE KUSTER. Fine orange-yellow buds and clear, golden-tinted, very double flowers, borne in great profusion on strong, bushy plants. Quite hardy and a fine bedder.

MRS. DE GRAW. Rich, glossy coral pink, very sweet scented. Flowers in clusters.

CLOTILDE SOUPERT. Fine for bedding; color, rich, creamy white, with pink centre.

DUCHESSE DE BRABANT. Beautiful buds; deep, rosy pink, edged with silver; constant bloomer.

LA FRANCE. Buds and flowers of lovely form and good size; exceedingly sweet; color fine peach blossom, clouded with rosy flesh.

ETOILE DE LYON. Large, beautiful buds of pure, bright, golden yellow color.

QUEEN'S SCARLET. A rich velvety scarlet, very bright and handsome.

DR. GRILL. Rich rosy pink, passing to salmon and fawn; richly perfumed.

MADAM OLGA. Cream white, clouded with pale carmine; very sweet.

RED PET. Low bushy growth, constant bloomer; small very double flowers.

ALINE SISLEY. Fine large double violet crimson flowers; very fragrant.

Price, 10c. each, or any 6 for 50c., or the set of 13 for \$1.00, postpaid; 2-year-old, 30c. each; any 6 for \$1.50, or 13 for \$3.00, by express.

RAMBLER ROSES



NEW CRIMSON RAMBLER, "PHILADELPHIA."

DOROTHY PERKINS. This is a splendid new hardy climber, grows 10 to 15 feet in a season, blooms in immense clusters like the Crimson Rambler, but the blooms are more double and of a beautiful shell-pink passing to deep rose; makes large-pointed buds and is a very pleasing and satisfactory rose for general planting. Price, 30c. each.

The New American Crimson Rambler "PHILADELPHIA"

The Philadelphia Crimson Rambler is the product of Crimson Rambler and the splendid hybrid perpetual rose, Victor Hugo, one of the best and most brilliant of the hybrid perpetual class, and it is recommended strongly both for outdoor planting and for forcing.

The "Philadelphia" Crimson Rambler differs from the old variety in three important particulars: (1) The color is brighter, deeper and more intense; (2) the flowers are perfectly double to the centre, very durable and of excellent substance; (3) the blooms are almost entirely free from the faded or washed-out appearance so frequently seen in the flowers of the old kind. It is a good, healthy grower, a free and abundant bloomer, producing grand clusters of intensely brilliant, perfectly double flowers. 25c. each, postpaid; 2-year, by express, 45c.; 3-year, 80c.

PSYCHE. Said to be a cross between Crimson Rambler and the beautiful Tea Polyantha, Golden Fairy. The flowers are 2 to 2½ inches across and borne in large clusters; color creamy yellow, delicately tinged with rose and salmon, with deep yellow centre, an entirely new and distinct color in Hardy Climbing Roses; very beautiful and attractive. It is a strong, rapid grower and abundant bloomer. 20c. each, postpaid; 2-year, by express, 40c.

CRIMSON RAMBLER. As we become more acquainted with the sterling qualities of this crimson beauty we find we have not praised it to the full measure of its deserts. No garden or yard should be without it. 15c. each; 2-year, 35c.; strong 3-year, 60c.

ROYAL CLUSTER, OR WHITE RAMBLER. This fine new rose, now introduced for the first time, is an entirely hardy climber rose; it is a strong growing climber and a most profuse bloomer. The clusters are large, one cluster on the parent plant last year having 119 buds and blooms. The color is a rosy white, changing to white. The stamens are prominent and are a bright yellow, a striking feature. This is undoubtedly the finest cluster rose yet introduced. 15c. each; 2-year, 35c.; strong 3-year, 80c.

NEW YELLOW RAMBLER (Aglaia). An absolutely hardy yellow climbing rose. The blossoms are of moderate size and last three to four weeks without fading, and are frequently borne in clusters of from 120 to 150 flowers. 15c. each; 2-year, 35c.; strong 3-year, 80c.

NEW PINK RAMBLER. Color a clear light red, with numerous golden anthers. A very profuse bloomer and vigorous grower. 15c. each; 2-year, 35c.; strong 3-year, 80c.

The set of above sorts, by mail, postpaid, \$1.00.



NEW TWENTIETH CENTURY STRAWBERRY Palmer's Very Early

This berry was originated by Mr. I. S. Palmer, of Northern New York. It proves to be the largest and most beautiful of all early strawberries, perfect bloomer, plants strong and robust, produces two and four fruit stalks to each plant, all of them well filled with large berries. Berries are large, rich, dark, glossy red, perfectly conical, with flesh red all through. Each berry is a fountain of juice. The cut shown is exact size. The largest, best-shaped, and most beautiful extra early berry ever known in productiveness. It will rank with Crescent, Parker, Earl, Glen Mary, Haverland, and other great yielders. It ripens fully ten days ahead of Mitchel Early, Johnson Early, and Excelsior. Price, by mail, postpaid, 50c. per dozen; by express, \$1.25 per 100; \$8.00 per 1,000.

New Chellie Strawberry

This berry originated in Camden County, N. J. The plant has a perfect blossom, is a strong grower, free runner, clear of rust, very productive, and a sure bearer, the fruit ripening midseason to late. The large, symmetrically shaped berry, with a fresh green calyx, is a bright, glossy red; coloring all over, and having no green point, it presents a strikingly attractive appearance throughout the season. It is of firm texture and superior flavor, resembling that of the wild strawberry. Price, by mail, postpaid, 50c. per dozen; by express, \$1.25 per 100; \$8.00 per 1,000.

The Maximus

we find to be one of the largest and most beautiful of all Strawberries. Perfect bloomer; plant strong and robust. Produces two and four fruit stalks to a plant, all of them well filled with large to very large berries. Berries conical, deep, glossy scarlet; flesh pink, sometimes white at the centre, very tender, of mild flavor.

GLEN MARY. Very vigorous; perfect-blooming plant of Brandywine and Isabel type. Enormously productive of large to very large, bright, deep red berries. Yellow seeds on surface; flesh very firm. Light red clear to the centre; sweet, rich and high-flavored; a decidedly good berry in point of plant, yield, great size, fine form, bright color, firmness and good quality.

BISMARCK. Perfect flowering. A new and vigorous seedling of Bubach. Plant very vigorous, fruit stalks very heavy. Broad, dark leaves. Moderately productive, but all the berries are large to very large. Light scarlet color and glossy.

MARSHALL. (Midseason.) The berries are very beautiful and average extraordinarily large—often 14 will fill a quart measure. As a berry for home use it is peerless. It is the first of the extra large varieties to ripen, and although of great size, the fruit is rarely ever misshapen. The color is a rich glossy crimson that every one admires.

BRANDYWINE. (Midseason to very late.) Brandywine is already world-famous; in fact, we doubt if any strawberry



PALMER'S VERY EARLY—EXACT SIZE.

Blackberries

ELDORADO. New; very hardy; no core. Very sweet, with the flavor of the wild berry. Prolific and of good size. 10c. each; 50c. per dozen; \$2.50 per 100.

ERIE. Hardy; productive; large and of good quality. 10c. each; 50c. per dozen; \$2.50 per 100.

KITTATINNY. Very large; medium to late. Not hardy north of New York City. 10c. each; 50c. per dozen; \$2.50 per 100.

LUCRETIA. The old standard dewberry. 50c. per doz.; \$2.50 per 100; \$15.00 per 1,000.

Currants

PRES. WILDER. In size of bunch and berry, color and quality of fruit, the Wilder is much superior to Fay's Prolific. Price, \$1.00 per dozen; \$6.00 per 100.

	Per doz.	Per 100.
CHERRY. Large red. 1 year	50c.	\$2.00
2 "	75c.	2.50
FAY'S PROLIFIC. 1 "	50c.	2.00
2 "	75c.	2.50

Gooseberries

INDUSTRY. An English sort. Fruit dark red, large and of good quality. Season early. 20c. each; \$2.00 per doz.

DOWNING. Large, light green; suitable for family use or for market. 1-year, 75c. per doz.; \$3.00 per 100; 2-year, \$1.50 per doz.; \$5.00 per 100; \$40.00 per 1,000.

Raspberries Red Varieties ROYAL CHURCH.

Berry large, dark crimson, firm and of good quality. Delicious flavor, excellent for jams, jellies, etc. Price, 25c. per dozen; \$1.50 per 100.

MILLER. Large bright red berry, holding size until end of season; does not fade; small core, very firm. Price, 25c. per dozen; \$1.50 per 100.

CUTHBERT. The old standard and hard to beat; very productive; a rich red, firm and good quality. Price same as Miller.

Black Cap Varieties

CUMBERLAND. The business Black Cap. Fruit very large, wonderfully productive and absolutely hardy. Early. Price, 20c. each; \$2.00 per dozen.

GREGG. The standard Black Cap. Profitable market sort. 30c. per dozen; \$2.00 per 100.



THE CHELLIE STRAWBERRY. (\$1.25 per 100; \$8.00 per 1,000.)

"THE GANDY." (Late.) One of the best late strawberries ever introduced. Strictly fancy. The fruits are uniformly large, perfect in form and firm; color, bright crimson and as glossy as if varnished. Quality superb; delightful aroma, suggestive of both strawberries and peaches.

BUBACH, No. 5 (P). (Midseason.) A prominent strawberry grower says: "If all varieties were culled out but ten, he would place Bubach No. 5 at the head of the list, on account of its large, bright berries, immense yield and fine flavor."

PRICES ON THE ABOVE SEVEN VARIETIES

By mail, postpaid, 40c. per dozen; \$1.50 per 100; by express, 25c. per dozen; \$1.00 per 100; \$6.00 per 1,000.



FRUIT AND NUT TREES

APPLES, *by express only*

PEARS, *by express only*

Plant 30 feet apart, 48 trees per acre.
Starr. Large, pale green fruit. Fruits young. Early; from July to September. Good for eating and cooking. Price, 2-year, 35c. each; \$3.50 per dozen; per 100, \$30.00.

Mammoth Black Twig. A fine winter apple. A seedling of the Winesap, which it resembles, but is superior in many ways.



BEN DAVIS APPLE.

Orange Pippin. Yellow autumn sort.

Maiden Blush. Beautiful blush cheek.

Baldwin. Crisp, juicy, winter red.

Ben Davis. Striped winter.

William's Early Red. Good for cooking or eating.

Rome Beauty. Pale yellow, shaded red winter.

PRICE of any of the above apples, except where noted : 25c. each; \$2.50 per dozen; \$20.00 per 100.

CHERRY TREES

Black Tartarian. Large, black, sweet and early.

Ox-heart. Large, light, with red cheek; solid, meaty, excellent.

Napoleon Bigarreau. Very large, pale yellow, with bright red cheek. Firm, juicy, good flavor.

Early Richmond. Red pie cherry.

Montmorency. Large, bright red, late. Larger than Early Richmond.

	Each.	Doz.	100.
3 to 4 feet	30c.	\$3.00	\$25.00
4 to 6 "	40c.	4.00	30.00



KEIFFER PEAR.

Price, except where noted:	Each.	Doz.	100.
2-year, 4 to 6 feet	30c.	\$3.00	\$20.00
Extra 3-year	40c.	4.00	30.00



ABUNDANCE PLUM.

PLUM TREES

Satsuma. Japanese variety, medium to large in size; color very dark dull red all over, with greenish dots.

Ogon. Golden yellow, good quality, freestone.

Abundance. Rich yellow with blush red cheek. Flesh deep yellow, very prolific.

Burbank. Orange-yellow, overlaid with red. Later than Abundance.

Willard. Earliest plum on the list. Medium size, round, dark red, splashed yellow.

	Each.	Doz.
3 to 4 feet	30c.	\$3.00
4 to 6 "	40c.	3.50

GRAPES

McPike. Wonderful new white grape. Very superior in quality. Perfectly hardy. Earlier than Concord. Bunches large; berries mammoth. Fruit will keep 100 days on the vine in good condition. Price: 1-year, 75c.; 2-year, \$1.00 each.

Moore's Early. Very early, large black grape; skin thin, flesh sweet.

Concord. The standard black grape. Berries large, skin thin. Tender, juicy, sweet.

Niagara. The favorite white grape. Very prolific. Handsome bunches, good shipper.

Catawba. Dark red, medium-size berry, skin thick, flesh pulpy and of best quality.

Delaware. Small red berry, compact bunches, skin thin, but firm; juicy and very sweet.

PRICES of any of above Grapes, except McPike:
 1-year-old, 15c. each; 65c. per dozen; \$4.00 per 100.
 2- " " 20c. " 75c. " 5.00 "

NUT TREES

The culture of nuts has become very profitable, and large orchards are being put out to good purpose.

CHESTNUTS

Alpha. Very early, large size. \$1.50 each.

Paragon. Later, large and fine. \$1.00 each.

Walnuts, Pecans, Shellbarks, Filberts, Almonds, Butternuts, 40c. each; \$3.00 per dozen.

ORNAMENTAL SHADE TREES AND EVERGREENS

Send for our special catalogue of Ornamental Shade Trees and Evergreens and Hardy Shrubbery, Hedge Plants, etc.



TRIUMPH PEACH.

PEACHES, *by express only*

Plant 16 feet apart each way; 170 trees per acre.

Sneed. A new early peach; a grand sort. Large, beautiful red on sunny side; flesh white; very sweet and juicy; bears shipping well.

Triumph. The earliest yellow freestone yet introduced. Large size and small pit.

Crosby. Free dwarf. Fruit yellow, streaked crimson, with very small pit. Free.

Wonderful. Large, rich, yellow; a good keeper; very late; freestone.

Mountain Rose. Freestone; pink flesh.

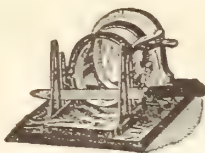
Old Mixon. Creamy white; popular.

Stump the World. White, red cheek.

Crawford's Late. Best late, yellow; free.

Late Heath Cling. Best white cling.

	Each.	Doz.	100.
3 to 4 feet	20c.	\$1.75	\$7.00
4 to 6 "	25c.	2.50	8.00

**ASPARAGUS BUNCHER**

Acme . . . \$1.50
Knife guide extra40
Chisel-shaped knife30

**CALF FEEDERS**

Small's, price \$2.00
Extra nipples25

**CALF WEANERS**

Rice's Very Humane
No. 1, for Calves . . . \$0.35
No. 2, for Heifers50
No. 3, for Cows—pre-vent sucking . . .75

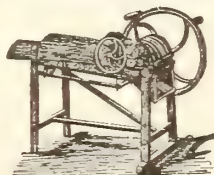
**CHURNS—In Variety**

2 gallons \$1.50
4 "2.00
7 "2.50

**FEED COOKERS**

25 gallons \$15.00
30 "16.50
40 "19.50
50 "21.00

Also Steam Cookers

**HAY AND FODDER CUTTERS**

No. 5 \$12.00
No. 415.00
Also Clover Cutters for Poultry

**WINE AND BERRY PRESSES**

No. 1, \$3.00
No. 2, 3.75
No. 3, 6.00

**FUMIGATORS For Smoking Greenhouses**

No. 1 . . \$2.75
No. 2 . . 3.25
No. 3 . . 3.75

**GREEN BONE CUTTERS**

Mann's

No. 5c . . \$6.00
No. 7 . . 12.00
No. 9 . . 18.40

**DIBBLES**

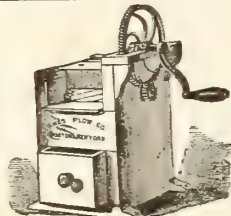
Small \$0.40
Regular50
Brass55

**FLOWER POTS**

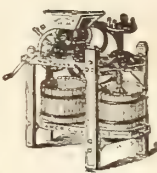
	Dozen	100
2 inches	\$0.10	\$0.50
3 "	.20	1.00
4 "	.25	1.50
5 "	.35	2.50
6 "	.50	4.00
7 "	.80	6.00

**HARROWS**

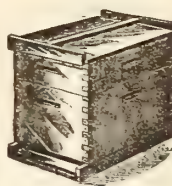
Lever spike tooth . . \$14.00
Diamond tooth,
1-horse3.75
Acme, 2-horse riding, 17.00

**HORSE RADISH GRATER**

No. 1, tin cylinder . . \$6.50
No. 2, steel pin cylinder . . 7.00
No. 3, with treadle . . 12.00

**BUCKEYE CIDER MILLS**

Junior . . \$12.00
Medium . . 16.00
Senior . . 20.00

**BEE HIVES**

No. 1, set up . \$2.10
Lots of 5 in flat 7.25
" " " " 13.50

All other Bee Supplies

**POULTRY DRINKING FOUNTAINS**

2 quarts . \$0.35
4 " . . .50
8 " . . .75

Other Styles

Insecticides

Aphis Pank. (Nikoteen.) For fumigating conservatories, rose and carnation houses. 60c. per box of 12 rolls.

Bordeaux Mixture. For black rot, mildew or blight. In liquid form. Ready for use by adding water. One gallon of mixture makes fifty gallons. Price, 1 quart can, 45c.; 1 gallon can, \$1.25.

Hellebore. For rose slugs. 1 lb., 25c.; 5 lbs., \$1.00.

Kerosene Emulsion. Concentrated for pea louse, San Jose scale and all sucking insects. 1 quart cans, 35c.; 1 gallon cans, 85c.

London Purple. Lb., 20c.; 5 lbs., 90c.

Paris Green (Pure). Lb., 20c.; 5 lbs., 90c.

Rose Leaf Extract of Tobacco. Pt., 25c.; qt., 50c.; 1 gal., \$1.25.

Slug Shot. For potato bugs, cabbage and currant worms. 5 lbs., 25c.; per 100 lbs., \$3.50.

Sulpho-Tobacco Soap. For house plants, poultry, moths, etc. Per cake, 10c.

Tobacco Dust. Pure ground tobacco (not ground stems). Per lb., 5c.; per 100 lbs., \$2.50.

Tobacco Stems. Per bale of about 250 lbs., \$1.50; per ton, \$10.00.

Whale Oil Soap. For washing trees and for insects on tender plants. 1 lb. box, 15c.; 5 lbs., 10c. per lb.

"Weedicide." For killing weeds in walks, drives, etc. One gallon pail makes 20 gallons treating liquid, 75c.; 2 gallon pail, \$1.25.



Fertilizers

Hard Wood Ashes. Per barrel of 250 lbs., \$2.50; per ton, \$20.00.

Pure Ground Bone. Bag, 200 lbs., \$3.50; per ton, \$80.00.

No. 1 Bone Phosphate. Per bag of 200 lbs., \$2.50; per ton, \$23.00.

Nitrate of Soda. 5c. per lb.; per 100 lbs., \$3.50.

Muriate of Potash. Per 100 lbs., \$3.00; per ton, \$48.00.

Kanit—Good for Asparagus beds. Per bag of 200 lbs., \$2.00; per ton, \$15.00.

**HOT BED MATS**

Burlap
40 x 76 inches . . . \$0.85
76 x 76 " 1.25

**PRIZE BROODERS**

75-chick \$5.50

Cypher's Outdoor

Style A—150 chick . . 12.00

**CYPHER'S INCUBATORS**

Best Incubator Made.

No Moisture Pans.

Strong, Healthy Chicks.

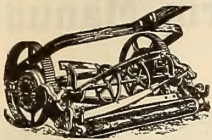
No. 0—60-egg . . . \$14.00

No. 1—120 " . . . 20.00

No. 2—220 " . . . 29.00

No. 3—360 " . . . 37.00

Send for Special Catalogue.

**LAWN MOWERS**
"Floracraft"

10 inches	\$2.50
12 "	2.75
14 "	3.00

"Continental" High Wheel

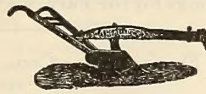
15 inches	\$10.00
17 "	11.00
19 "	12.00
21 "	13.00

Penna. Horse Mower

30 inches	\$60.00
---------------------	---------

**EGG CASES**

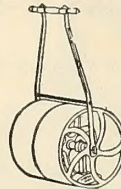
	Each.	Dozen.
3 dozen	\$0.25	\$2.50
6 "30	2.75
12 "35	3.00
30 "90	10.00

**PLOWS**

"Boss"—1-horse . . .	\$5.00
"Advance"—1-horse .	5.00
" " —2-horse	8.00

**ROOT CUTTERS**
Banner

No. 7	\$5.00
No. 20	8.50
No. 15	9.50
No. 16	12.00

**ROLLERS**
Cast

130 lbs.	\$4.50
200 "	6.00

Hobson	
120 lbs.	\$7.00
200 "	11.00
285 "	13.00
370 "	17.00

**KNIVES**

Budding	\$1.00
Pruning	75c. to 1.25

**LAWN SPRINKLERS**
In Variety

25c., \$1.00, \$1.50, \$2.75.

**SEED TRYERS**
German Silver

Small	\$1.00
Large	1.25

**PUMPS**

For bucket	\$2.50
For barrel	12.00

**SPRAYERS**

Tin	\$0.50
Brass	1.00

**SEED SOWERS**

Little Giant	\$1.50
Cahoon	3.25
Wheelbarrow	7.00

**SCYTHES**

English Lawn	\$1.25
American Lawn . . .	1.00

**SHEARS**

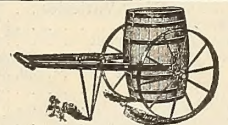
Pruning	50c., 75c., \$1.00
-------------------	--------------------

**Tree Pruning, 75c. to \$1.25****HEDGE SHEARS**

8 in., \$1.50	10 in., \$2.00
---------------	----------------

**SYRINGES—BRASS**

No. A	\$1.85
No. 2	3.60
No. 10	5.50

**WATER BARRELS**

With 1½ in. wheels . .	\$7.00
" 2½ " "	7.75
" 3½ " "	8.50
Sprinkler attachment .	3.25
Handcast box attachm.,	3.00
Leaf rack attachment .	5.00

**WATERING POTS****Long Spout—Heavy**

6 qts. . . . \$1.75	8 qts. . . \$2.00
10 qts. . .	\$2.25

Short Spout—Light

4 qts. . . \$0.40	10 qts. . \$0.85
6 qts. . . .50	12 qts. . 1.00
8 qts. . . .65	16 qts. . 1.50

Poultry Foods and Medicines

"Vigor" Ground Beef Scrap. Our own brand and a very choice article. Per 100 lbs., \$2.50.

"Bowker's" Animal Meal. Per 100 lbs., \$2.25.

"Vigor" Egg Food. A great egg producer. Per 100 lbs., \$2.25.

"Vigor" Scratch Food. Mixed grains and seed for poultry. Per 100 lbs., \$1.65.

"Chick Manna" for little chicks. Per 5-lb. box, 40c.

"Vigor Chick Food." Cracked grains.

Kiln Dried Bread Crumbs. For the hot mash. 10 lbs., 30c.; 50 lbs., \$1.40; 100 lbs., \$2.50.

Ground Dried Blood. For poultry and ducks. 50 lbs., \$1.75; 100 lbs., \$3.00.

Midland Poultry Foods. Balanced rations for chicks, growing ducks, and poultry. Per sack, \$2.00.

American Poultry Food. Ground grains for mash. Per 100 lbs., \$1.75.

H. O. Poultry Food. Grains ground for hot mash. Per 100 lbs., \$2.00.

Pratt's Poultry Food. Package, 25c.; 5 lbs., 60c.; 12 lbs., \$1.25.

Clover Meal. Per 100 lbs., \$2.00.

Cut Clover Hay. Per 100 lbs., \$2.00.

Conkey's Roup Cure. 50c. and \$1.00.

F. P. C. Roup Preparation. ½ lb., 28c.; 1b., 55c.

Sheridan's Condition Powder. 25c. and \$1.00.

Madoc Gape Cure. By mail, 28c.

Crushed Oyster Shell. 100 lbs., 65c.; 500 lbs., \$2.50.

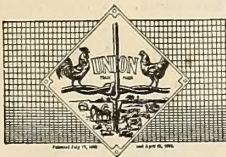
Mica Crystal Grit. 100 lbs., 85c.; 500 lbs., \$3.50.

Lambert's Death to Lice. 25c.; 50c. and \$1.00.

Liquid Lice Killer. Quart, 35c.; 1 gal., \$1.00.

Spratt's Patent Dog Cakes. 3-lb. box, 25c.; 5 lbs., 40c.; 25 lbs., \$1.50; 100 lbs., \$6.00.

Spratt's Patent Cat Food. 2 lbs., 25c.; 10-lb. bag, \$1.00.

**POULTRY FENCING****Union Lock—Best Made**

Bales of 165 feet.

36 inches	\$3.45
48 "	4.15
60 "	4.80
72 "	5.40

Discount in Quantity.

**MOLE TRAP**

Olmstead . . . \$1.50
Out-o'-Sight, 1.00

**MICE and RAT TRAPS****Out-o'-Sight.**

Mouse, 10c. each; 85c. doz.
Rat, 20c. each; \$1.50 doz.

INDEX

TO Johnson & Stokes' Garden and Farm Manual FOR 1903

	PAGES		PAGES
Novelties and Specialties in Vegetables	4 to 14	Flower Seed Novelties	67 to 70
Vegetable Seeds—General List	14 to 54	Flower Seeds—General List	70 to 84
Vegetable Seed Collections	55	Flower Seed Bargain Collection	55
Farm Seeds, Field Corn, Grain, etc.	56 to 63	Small Fruits and Fruit Trees	88 and 89
Fodder Plants and Millets	62, 63, 64	How to Order Johnson & Stokes' Seeds	1
Grass and Clover Seeds	65 and 66	Newspaper and Book Premiums	2
Lawn Grass Seeds and Mixtures	66	Books for the Farm and Garden	18

Vegetable Seeds.	PAGE	Vegetable Seeds—Con.	PAGE	Flower Seeds—Con.	PAGE	Flower Seeds—Con.	PAGE
Artichoke	14	Sage	53	Browallia	73	Morning Glories, Tall	79
" Roots	63	Salsify, or Vegetable Oyster	49	Calendula	73	" Japanese	79
Asparagus	4, 14	Sorrel	53	Cacalia	73	" Dwarf	79
" Roots	14	Spinach	49	Calceolaria	73	Myosotis	79
Beans, Bush, Green-Podded	5	Squashes	50	Campanula	73	Nasturtiums	80
Beans, Bush, Wax-Podded	5, 15	Thyme	53	Canary-Bird Flower	73	Novelties	67 to 70
Beans, Bush Varieties for Shelling	16	Tobacco	64	Candytuft	74	Ornamental Gourds	77
Beans, Bush Limas	5, 16	Tomato	51, 52	Cannas	77	Ornamental Grasses	77
" Pole Limas	16, 17	" Sparks' Earliana, 12, 13	53	Carnations	74	Pansies	68, 80
" Pole	17, 18	Turnips and Ruta Bagas	53	Castor-Oil Plant. See Ricinus	82	Petunias	69, 81
Beets, Garden	4, 19	Lawn Grass Seed	66	Celosia	67, 74	Phloxes	68, 81
" Sugar	20	Permanent Pasture		Centaurea	74	Poppies	81
" Mangel Wurzel	20	Grass Mixtures	66	Chrysanthemums	74	Portulaca	82
Borecole. See Kale	30	Farm Seeds.		Cineraria	75	Primula	69, 82
Broccoli	18	Australian Salt Bush	64	Clarkia	75	Pyrethrum	82
Brussels Sprouts	18	Artichoke Roots	63	Clematis	75	Ricinus	82
Cabbage, Early	21, 22	Barley	59	Cleome	75	Salpiglossis	82
" Late or Winter	23	Bean, Velvet	61	Clintonia	75	Salvia	82
Carrots	24, 25	" Soja	61	Cobaea Scandens	75	Sensitive Plant	84
Cauliflower	24	Broom Corn	63	Cockscomb	67, 74	Smilax	84
Celery	6, 26, 27	Buckwheat	59	Commelina	75	Stocks	84
Chervil	53	Chufas	63	Coreopsis	75	Sunflowers	84
Chicory	24	Clovers	65	Crotalaria	75	Sweet Peas, Cupid Varieties	83
Chives	24	Corn, Field	56, 57, 58, 59	Cyclamen	75	Sweet Peas, Complete List	83
Collards	24	" Kafir	62	Cypress Vine	76	Sweet William	84
Corn Salad	29	Fruit Tree Seeds	64	Dahlias	76	Thunbergia	73, 84
" Sweet or Sugar	27, 28	Ginseng	64	Daisy	68, 76	Tropaeolum	84
" Field	57, 58, 59	Grasses	65, 66	Datura	76	Verbenas	84
" Pop	29	Millets	64	Delphinium	76	Vinca	84
Cress	29	Millo Maize	62	Dianthus	68, 76	Violet	84
Cucumber	29	Oats	60	Digitalis	77	Wallflower	84
Dandelion	30	Osage Orange	64	Edelweiss	68	Wild Flower Garden	70
Egg-Plant	7, 30	Peas, Cow	61	Eschscholtzia	77	Zinnias	84
Endive	30	" Canada Field	61	Evening Primrose	77		
Garlic	30	Rape, Dwarf Essex	62	Everlasting Flowers	77	Plants.	
Gourds	30	Spring Rye	59	Forget-me-nots	79	Roses	86, 87
Herbs	53	Spring Wheat	59	Ferns	77	Strawberries	88
Horse Radish	30	Speltz or Emmer	59	Four-O'Clocks. See Marvel of Peru	79		
Kale or Borecole	30	Sugar Cane	62	Gaillardia	77	Bulbs.	
Kohl-Rabi	31	Sunflower	63	Geranium	77	Begonias, Tuberous Rooted	85
Leek	31	Teosinte	62	Gilia	77	Caladiums	85
Lettuce	31, 32	Vetches	62	Gloxinias	77	Cannas	85
Lettuce, New Varieties	8	Velvet Bean	61	Godetia	77	Dahlias	70, 85
Martynia	37	Wild Rice	63	Gourds	30, 77	Gladiali	70, 85
Marjoram, Sweet	53	Flower Seeds.		Grasses	77	Gloxinias	85
Melons, Musk	33, 34	Abronia	71	Grevillea	77	Iris	85
" Water	35, 36	Abutilon	71	Gypsophila	78	Oxalis	85
Mushrooms	37	Acroclinum	71	Hedysarum	78	Paenies	85
Mustard	37	Adlumia	71	Helianthus. See Sunflower	84	Tuberoses	85
Nasturtium	37	Ageratum	71	flower	84		
Okra or Gombo	37	Alyssum	71	Heliotrope	78	Miscellaneous.	
Onion, Pedigree Seed	38	Amaranthus	71	Hollyhocks	78	Books	2, 18
" American	38, 39, 40	Amelopsis	71	Hibiscus	78	Essays, Leaflets	2, 54
" Foreign	40	Antirrhinum	71	Humulus	78	Fruit Trees	89
" Sets	40	Aquilegia	71	Ipomoea. See Moonflower	79	Grapes	89
Parsley	41	Aristolochia	71	Kenilworth	78	Nut Trees	89
Parsnip	41	Asperula	72	Lantana	78	Small Fruits	88
Peanut	41	Aster	67, 72	Larkspur	78	Planet Jr. Tools	3d cover
Peas, Early	42	Auricula	73	Lathyrus	78	Insecticides	90
" Main Crop	43	Balsams	73	Lobelias	78	Fertilizers	90
" New Varieties	11	Balloon Vine	73	Lychnis	79	Implements	90, 91
Peppers	41	Begonias	73	Marigolds	79	Poultry Supplies	90, 91
Potatoes, White	44	Bellis. See Daisy	76	Marvel of Peru	79	Dog Cakes	91
" Sweet	45, 46			Mesembryanthemum	79	Bee Hives	90
Pumpkins	47, 48, 49			Mignonette	79		
Radish	49			Mimulus	79		
Rhubarb	49			Mooxflowers	79		
" Roots	49						
Ruta Bagas, or Swedes	53						

Address all Orders, Inquiries, etc.,

JOHNSON & STOKES, 217 and 219 Market Street, Philadelphia, Pa.

PRESS OF EDWARD STERN & CO., INC., PHILA.

Planet Jr. Farm and Garden Tools

PLANET JR. No. 3

Hill and Drill Seeder

Price, \$10.50



Planting in rows and thinning afterwards is a terrible time-waste. The No. 3 Seeder puts the seed right on the spot where the hill is wanted. Plants 4, 6, 8, 12 or 24 inches apart, or in a continuous row as desired. Changed in a moment. Holds 3 quarts. The most accurate drill made, and guaranteed satisfactory.

No. 4 Combined Hill and Drill Seeder, Single Wheel Hoe, Cultivator and Plow

Price, complete,

\$10.50

As a Drill only

\$8.50.



With a No. 4 Combined Drill you will have a better garden with much less work.

The Drill is the same as the No. 3 Seeder, but smaller. By moving only one bolt the drill is taken off and the tool frame attached, making it one of the best of the Planet Jr. Single Wheel Hoes. This gives you the "whole business" in one tool.

PLANET JR. No. 11

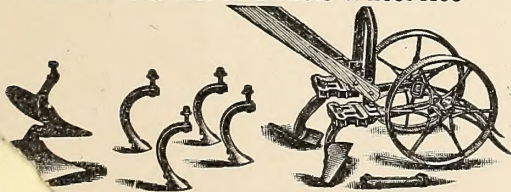
Double Wheel Hoe



This Wheel Hoe is a famous labor saver. It will do a variety of work that is almost incredible, and it is changed and adjusted with marvelous ease and quickness. The wheels can be set to four different widths and the frame at three heights. The tools are changed without removing a single nut. Nothing like it for onion growers.

Price, \$9.00.

PLANET JR. No. 12 Double Wheel Hoe



This is identical with No. 11 Wheel Hoe, except that it has different attachments, and is sold at a correspondingly less price. It is shown and sold with No. 12 are what gardeners want. Others can be added as wanted.

Price, \$7.00.

No. 13 Double Wheel Hoe

with 6-inch hoes only. Price, \$4.75.

PLANET JR. No. 25

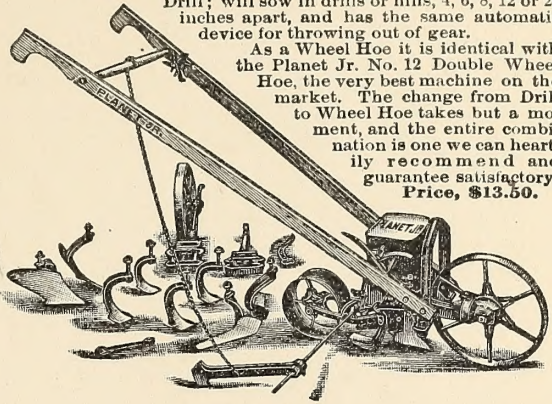
Combined Hill and Drill Seeder and Double Wheel Hoe

This new combined machine is intended for a class of gardeners who have a large enough acreage in crops for a Double Wheel Hoe to be used to good advantage, and yet prefer not to buy a separate Wheel Hoe. It holds $2\frac{1}{2}$ quarts (or about 5 lbs. of onion seed).

As a Drill it is almost identical with the Planet Jr. No. 4 Drill; will sow in drills or hills, 4, 6, 8, 12 or 24 inches apart, and has the same automatic device for throwing out of gear.

As a Wheel Hoe it is identical with the Planet Jr. No. 12 Double Wheel Hoe, the very best machine on the market. The change from Drill to Wheel Hoe takes but a moment, and the entire combination is one we can heartily recommend and guarantee satisfactory.

Price, \$13.50.

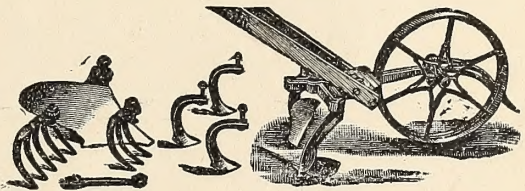


No. 16

Single Wheel Hoe

A light, inexpensive and extremely efficient tool. Frame and handles are adjustable, and wheels can be changed to the other side of the frame, when both sides of the row can be hoed at one passage.

Price, \$5.85.

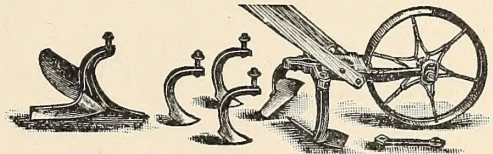


No. 17

Single Wheel Hoe

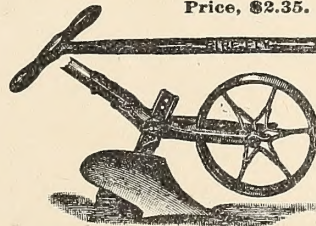
This tool is identical with No. 16, but has only a pair of 6-inch hoes, a plow, and a set of cultivator teeth—an outfit sufficient for most garden work. The other attachments can be added at any time.

Price, \$5.00.



Fire-Fly Garden Plow

Price, \$2.35.



Invaluable for use in small gardens. Mold board of tempered and polished steel. The depth is easily and quickly changed.

Very useful to plow up chicken yards.

Spark's Earliana
The most successful novelty
of the New Century



THE EARLIEST AND MOST PROLIFIC LARGE TOMATO IN
FIRST INTRODUCED BY **JOHNSON & STOKES, S.**
217 AND 219 MARKET ST., PHILADELPHIA